SEARCH REQUEST FORM 270513

Requester's Full Name: Cecilia Jaiswe Examiner #: _____ Date: 8-26-08
Art Unit: 1624 Phone Number: 2-9951 Serial Number: 10597005
Location (Bldg/Room#): REM5A28 (Mailbox #): 5C18 Results Format Preferred (circle): PAPER DISK

To ensure an efficient and quality search, please attach a copy of the cover sheet, claims, and abstract or fill out the following:

Title of Invention: See Bib Data Sheet MG

Inventors (please provide full names): "

"

Earliest Priority Date: "

Search Topic:
Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include e elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known.

For Sequence Searches Only *Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with th appropriate serial number.*

See claims attached. Please do structure search and inventor name(s) search. Display results to show identification of source, and RN #, compound name & structure of identified compounds. Search compounds of Formula I where HET is 1,2,3,4-tetrazol-5-one. See compounds 1.11 to 1.13 1.27 to 1.29, 1.43 to 1.45 and 1.58 in spec.

Please call with any questions

STAFF USE ONLY

Searcher: _____
Searcher Phone #: _____
Searcher Location: _____
Date Searcher Picked Up: _____
Date Completed: _____
Searcher Prep & Review Time: _____
Online Time: _____

Type of Search

___ NA Sequence (#)
___ AA Sequence (#)
___ Structure (#)
___ Bibliographic
___ Litigation
___ Fulltext
___ Other

Vendors and cost where applicable

___ STN ___ Dialog
___ Questel/Orbit ___ Lexis/Nexis
___ Westlaw ___ WWW/Internet
___ In-house sequence systems
___ Commercial ___ Oligomer ___ Source/Lit'g
___ Interference ___ SPDI ___ Encode/Transl
___ Other (specify)

INVENTOR SEARCH

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=> fil capl; d que nos l16
FILE 'CAPLUS' ENTERED AT 12:05:25 ON 29 AUG 2008
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FILE COVERS 1907 - 29 Aug 2008  VOL 149 ISS 10
FILE LAST UPDATED: 28 Aug 2008  (20080828/ED)

Caplus now includes complete International Patent Classification (IPC)
reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/legal/infopolicy.html
'OBI' IS DEFAULT SEARCH FIELD FOR 'CAPLUS' FILE


L1             1 SEA FILE=CAPLUS ABB=ON  US2007-597005/AP
L5               STR
L9           167 SEA FILE=REGISTRY SSS FUL L5
L11            8 SEA FILE=CAPLUS ABB=ON  L9
L12         3986 SEA FILE=CAPLUS ABB=ON  HALL R?/AU
L13           73 SEA FILE=CAPLUS ABB=ON  TRAH S?/AU
L14           27 SEA FILE=CAPLUS ABB=ON  ZAMBACH W?/AU
L15           24 SEA FILE=CAPLUS ABB=ON  TULEJA J?/AU
L16            6 SEA FILE=CAPLUS ABB=ON  (L1 OR L12 OR L13 OR L14 OR L15) AND
                 L11


=> d ibib abs hitstr l16 1-6

L16  ANSWER 1 OF 6  CAPLUS  COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER:         2005:673280  CAPLUS  Full-text
DOCUMENT NUMBER:          143:172877
TITLE:                    Preparation of various heterocyclic allyl derivatives
                          as pesticides
INVENTOR(S):              Hall, Roger Graham; Trah, Stephan;
                          Zambach, Werner; Tuleja, Juraj
PATENT ASSIGNEE(S):       Syngenta Participations A.-G., Switz.
SOURCE:                   PCT Int. Appl., 34 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:
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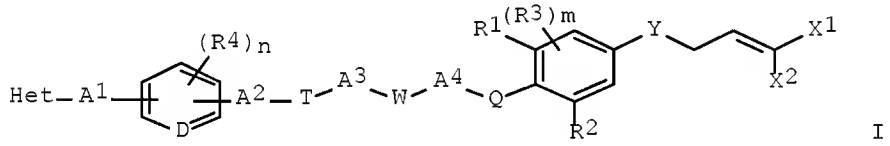
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005068445	A2	20050728	WO 2005-EP94	20050107
WO 2005068445	A3	20050922		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1706392	A2	20061004	EP 2005-706845	20050107
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
JP 2007519639	T	20070719	JP 2006-548230	20050107
US 20070299064	A1	20071227	US 2007-597005	20070807 <--
PRIORITY APPLN. INFO.:			CH 2004-23 A	20040108
			WO 2005-EP94 W	20050107

OTHER SOURCE(S): CASREACT 143:172877; MARPAT 143:172877

GI



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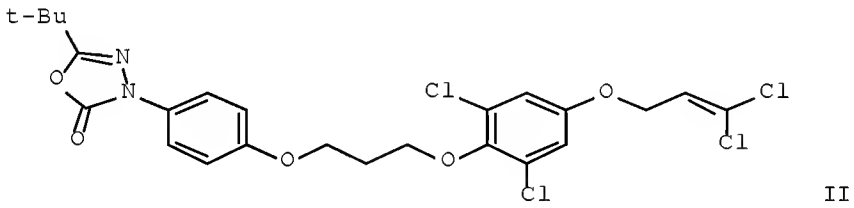

II

AB Title compds. I [Het = non-aromatic heterocyclyl; A1-3 = alkylene, cycloalkyl, etc.; A4 = alkylene bridge; D = CH, N; W = O, amino, SO0-2; etc.; T = bond, O, NH, etc.; Q = O, amino, SO0-2; Y = O, amino, SO0-2; X1-2 = F, Cl, Br; R1-2 = H, halo, CN, NO2, alkyl, haloalkyl, etc.; R3 = halo, CN, NO2, etc.; R4 = halo, CN, NO2, etc.; n = 0-3 when D = N or is 0-4 when D = CH; m = 0-2] are prepared For instance, II is prepared in several steps from 4-methoxyphenylhydrazine•HCl, pivaloyl chloride and 4-(3-bromopropan-1-yloxy)-3,5-dichloro-1-(3,3-dichloroprop-2- enyloxy)benzene. II shows good activity against Heliothis virescens.

IT 1044037-41-3 1044037-44-6 1044037-45-7 1044037-46-8 1044037-49-1 1044037-52-6 1044037-53-7 1044037-54-8 1044037-57-1 1044037-60-6 1044037-61-7 1044037-62-8

1044037-65-1 1044037-68-4 1044037-69-5
1044037-70-8 1044037-73-1 1044037-76-4
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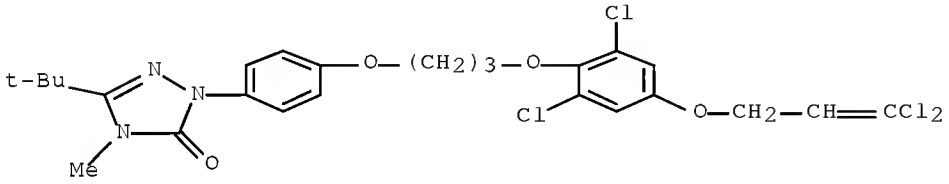
1044038-01-8 1044038-02-9 1044038-07-4
1044038-08-5 1044038-09-6 1044038-11-0
1044038-13-2 1044038-14-3
RL: PRPH (Prophetic)
(Preparation of various heterocyclic allyl derivatives as pesticides)

RN 1044037-41-3 CAPLUS
CN 3H-1,2,4-Triazol-3-one, 2-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-5-(1,1-dimethylethyl)-2,4-dihydro-4-methyl- (CA INDEX NAME)



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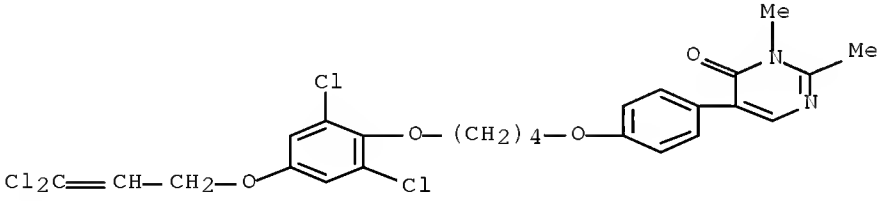

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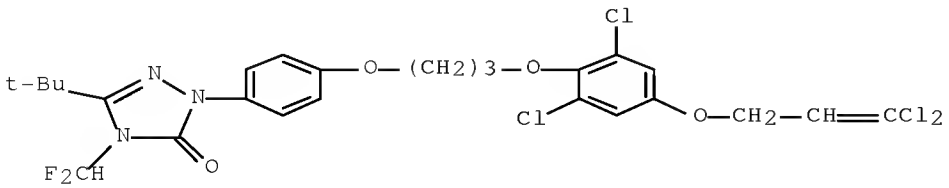
CN 3H-1,2,4-Triazol-3-one, 2-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-4-(difluoromethyl)-5-(1,1-dimethylethyl)-2,4-dihydro- (CA INDEX NAME)



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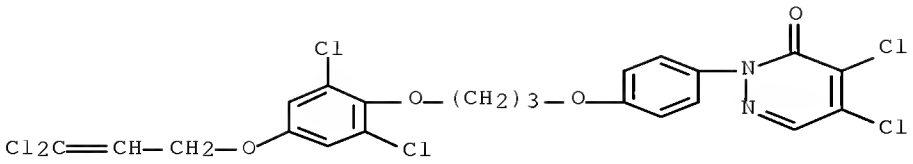

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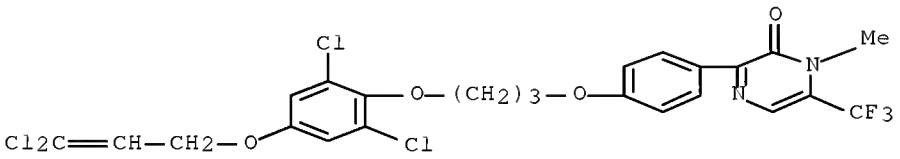
CN 2(1H)-Pyrazinone, 3-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)



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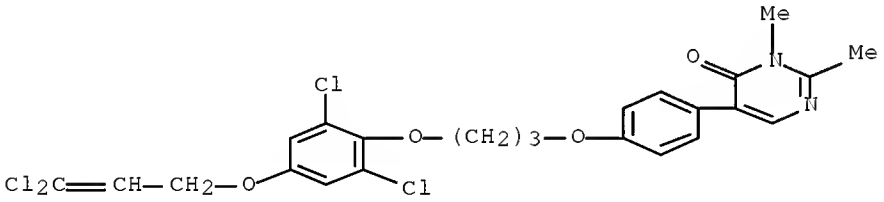
CN 4(3H)-Pyrimidinone, 5-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-2,3-dimethyl- (CA INDEX NAME)



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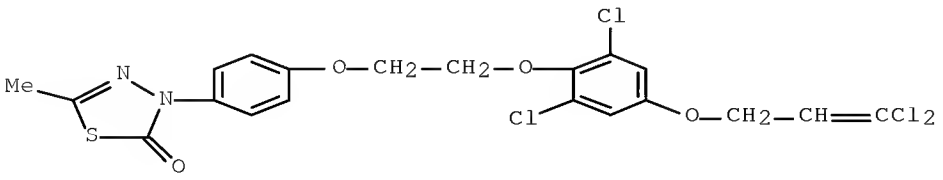

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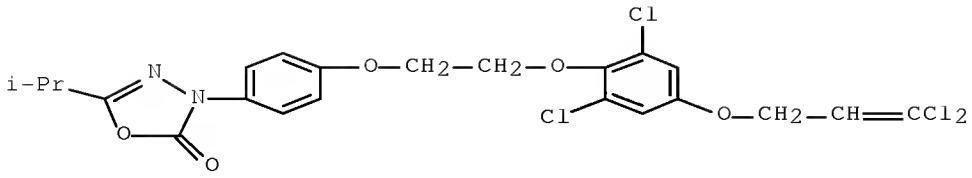

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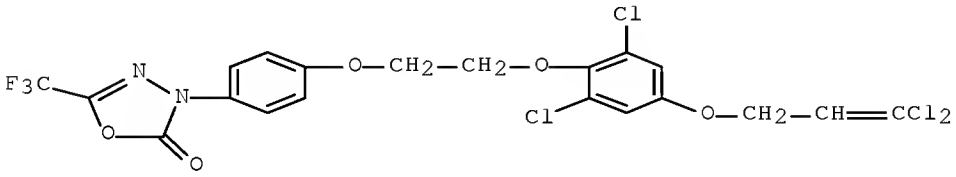

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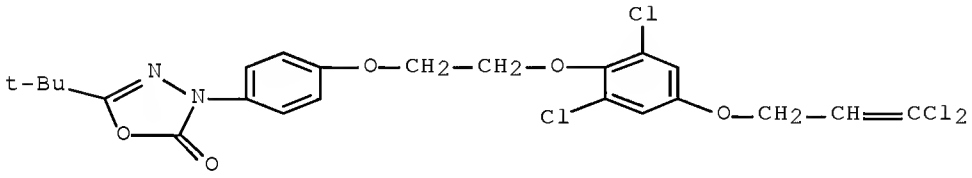

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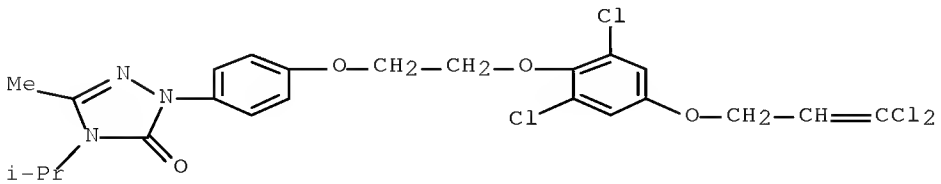

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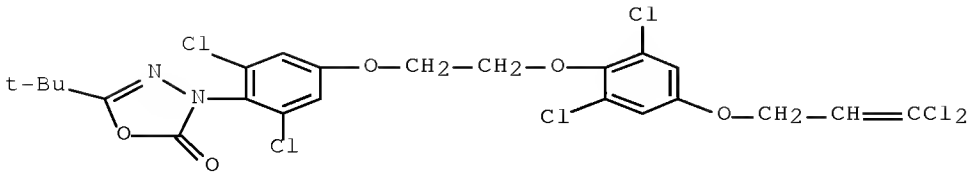

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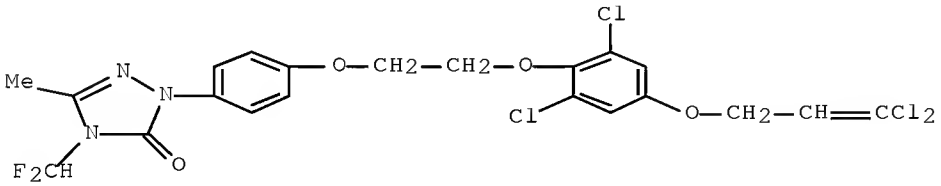

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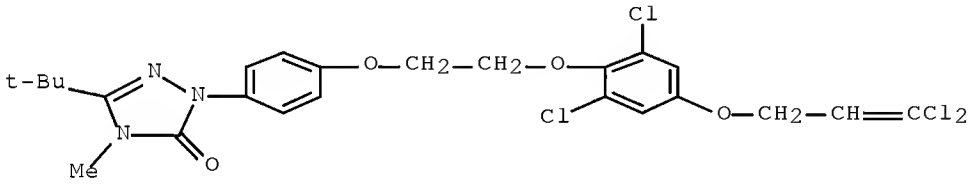

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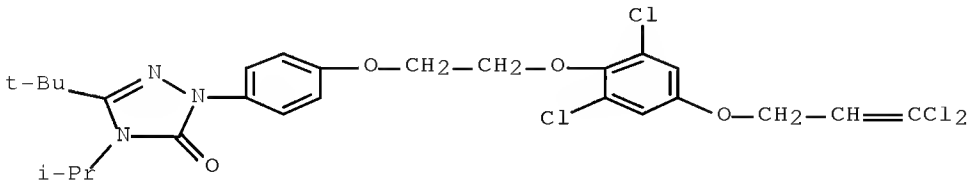
CN 3H-1,2,4-Triazol-3-one, 2-[4-[2-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]ethoxy]phenyl]-5-(1,1-dimethylethyl)-2,4-dihydro-4-(1-methylethyl)- (CA INDEX NAME)



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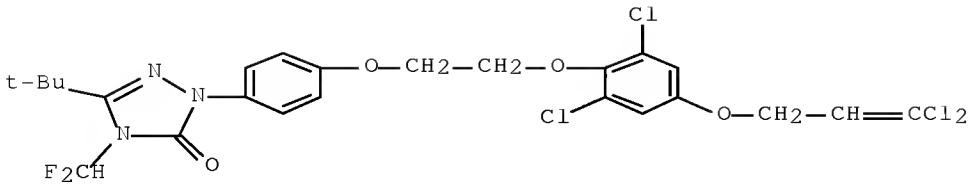

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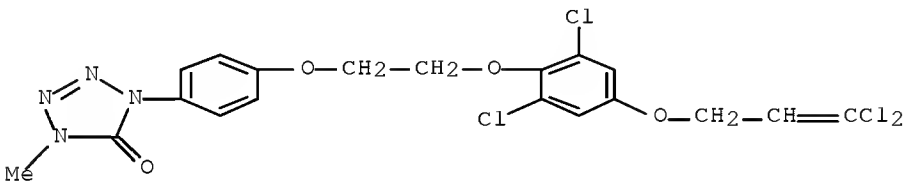
CN 5H-Tetrazol-5-one, 1-[4-[2-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]ethoxy]phenyl]-1,4-dihydro-4-methyl- (CA INDEX NAME)



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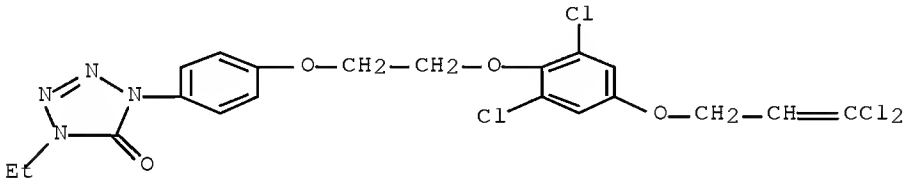

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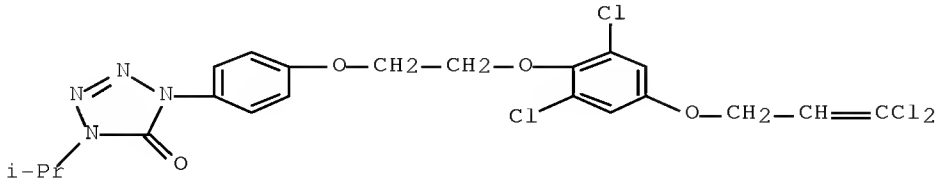

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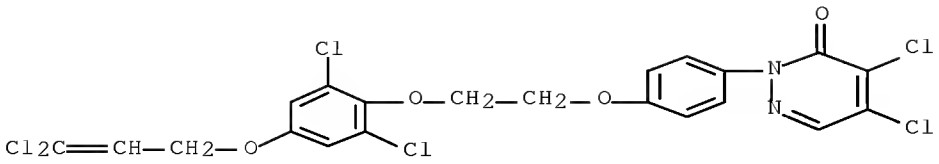

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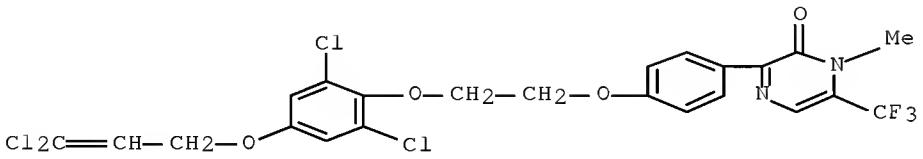

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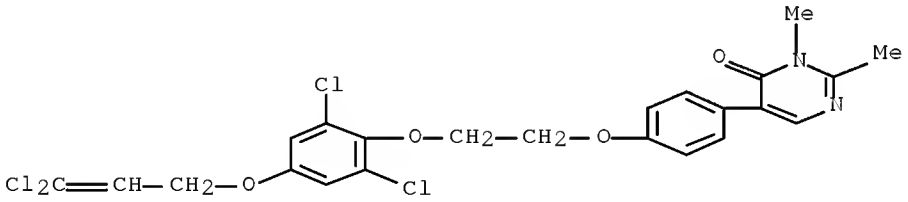

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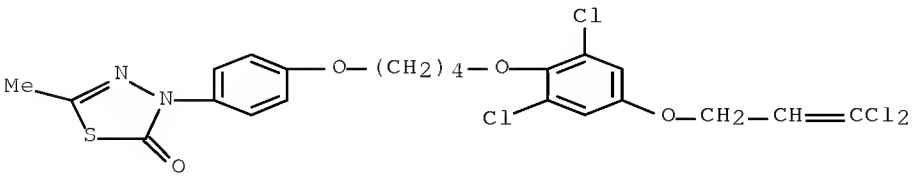

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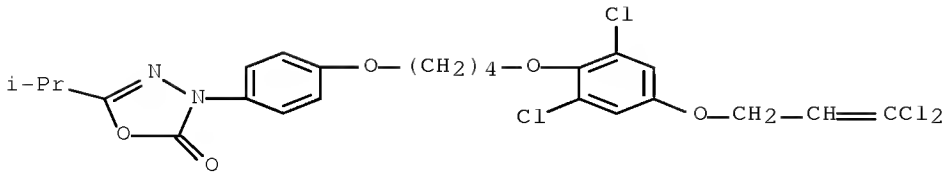

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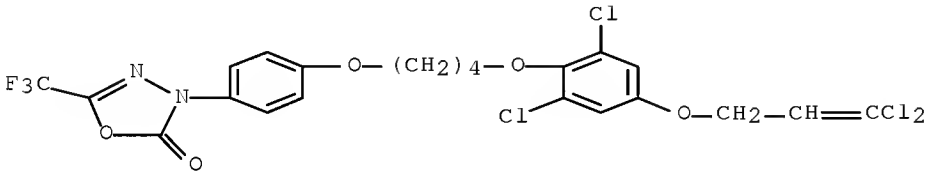

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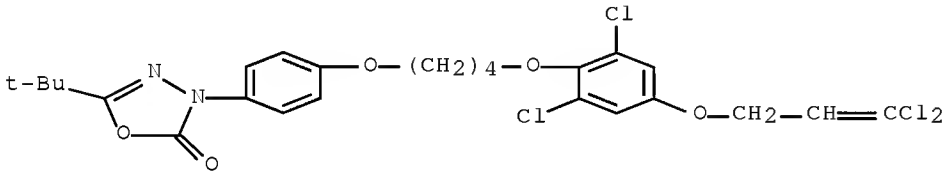

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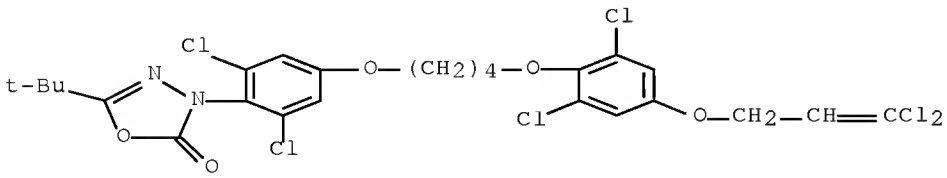
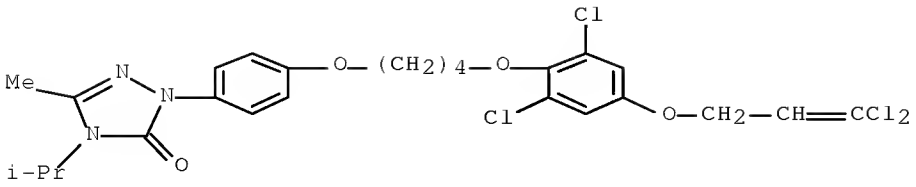
CN 1,3,4-Oxadiazol-2(3H)-one, 3-[2,6-dichloro-4-[4-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]butoxy]phenyl]-5-(1,1-dimethylethyl)- (CA INDEX NAME)



RN 1044037-94-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED



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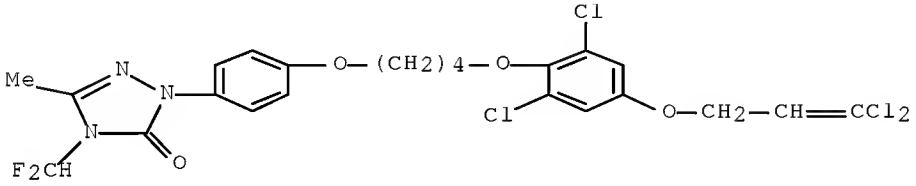
CN INDEX NAME NOT YET ASSIGNED



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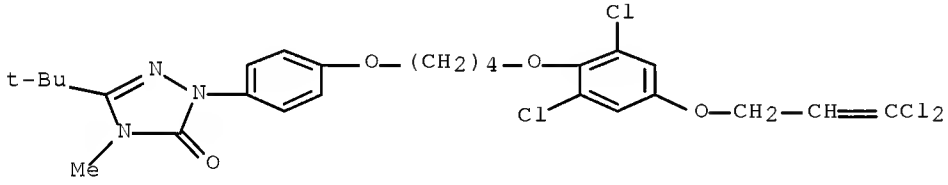
CN INDEX NAME NOT YET ASSIGNED



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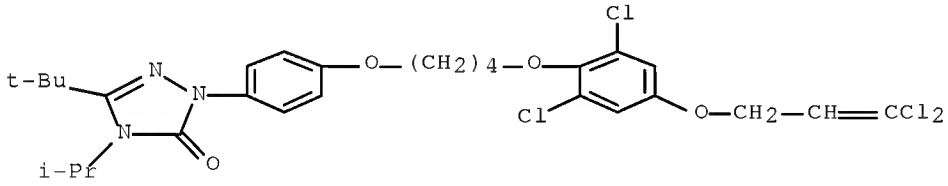
CN INDEX NAME NOT YET ASSIGNED



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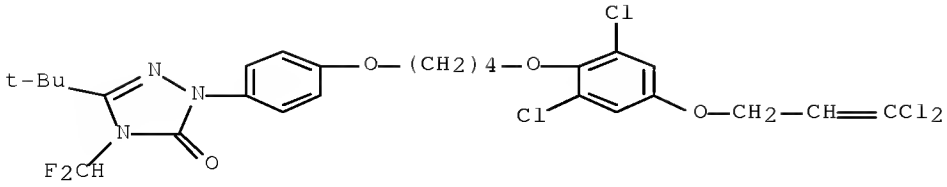
CN INDEX NAME NOT YET ASSIGNED



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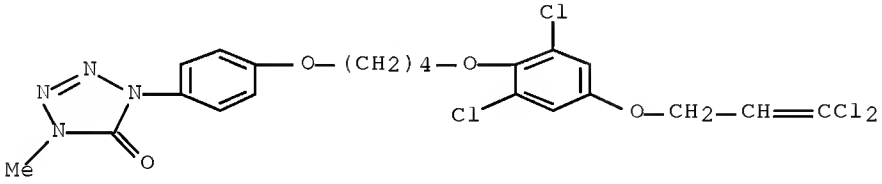
CN INDEX NAME NOT YET ASSIGNED



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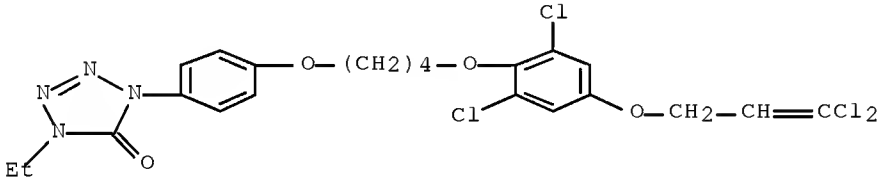
CN INDEX NAME NOT YET ASSIGNED



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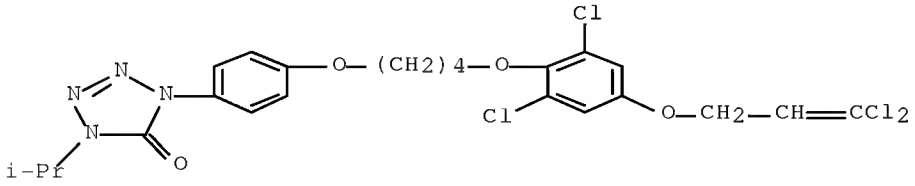
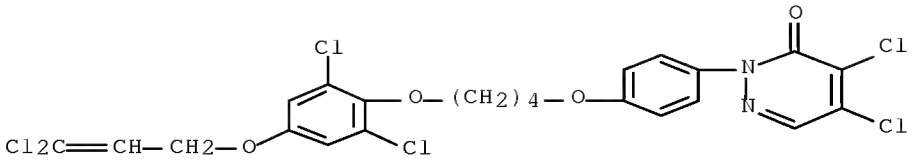
CN INDEX NAME NOT YET ASSIGNED



RN 1044038-11-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED



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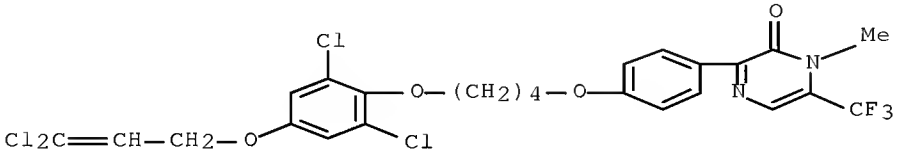
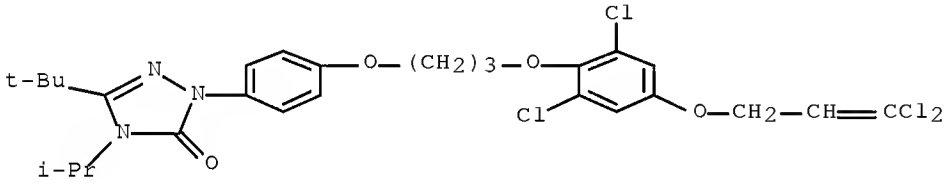
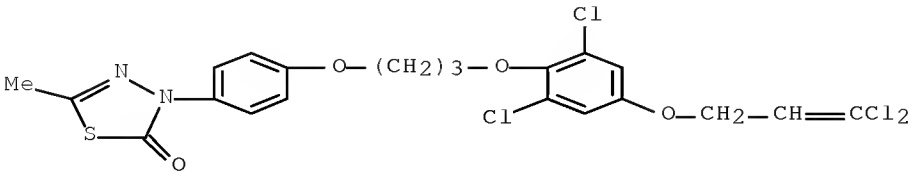
CN INDEX NAME NOT YET ASSIGNED



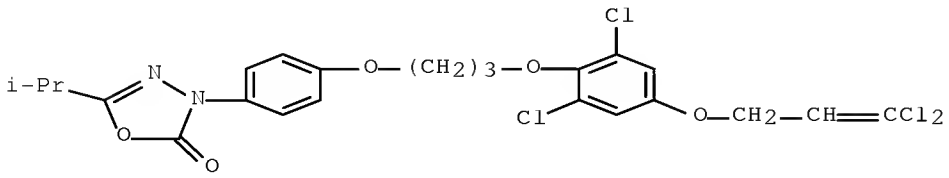
RN 1044038-14-3 CAPLUS
CN 3H-1,2,4-Triazol-3-one, 2-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-5-(1,1-dimethylethyl)-2,4-dihydro-4-(1-methylethyl)- (CA INDEX NAME)



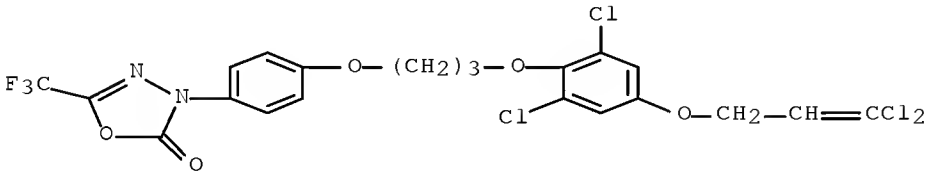
IT 860629-18-1P 860629-19-2P 860629-20-5P
860629-21-6P 860629-22-7P 860629-23-8P
860629-24-9P 860629-25-0P 860629-26-1P
860629-27-2P 860629-28-3P 860629-29-4P
860629-30-7P 860629-31-8P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of various heterocyclic allyl derivs. as pesticides)
RN 860629-18-1 CAPLUS
CN 1,3,4-Thiadiazol-2(3H)-one, 3-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-5-methyl- (CA INDEX NAME)



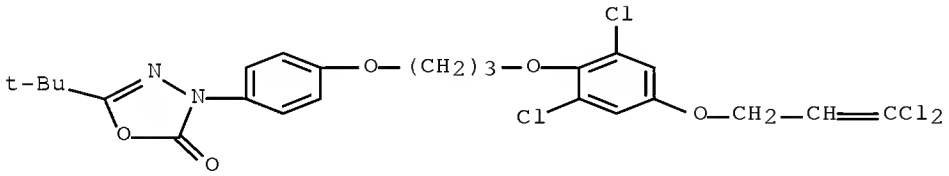
RN 860629-19-2 CAPLUS
CN 1,3,4-Oxadiazol-2(3H)-one, 3-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-5-(1-methylethyl)- (CA INDEX NAME)



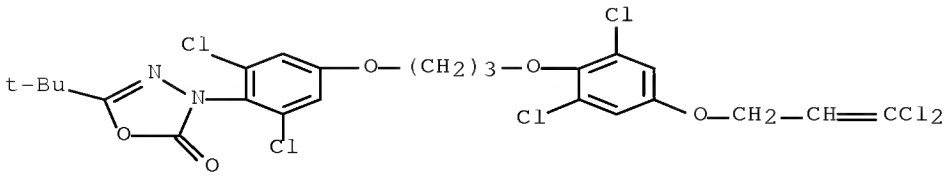
RN 860629-20-5 CAPLUS
CN 1,3,4-Oxadiazol-2(3H)-one, 3-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-5-(trifluoromethyl)- (CA INDEX NAME)



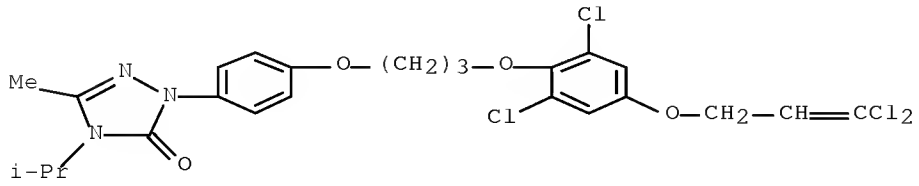
RN 860629-21-6 CAPLUS
CN 1,3,4-Oxadiazol-2(3H)-one, 3-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-5-(1,1-dimethylethyl)- (CA INDEX NAME)



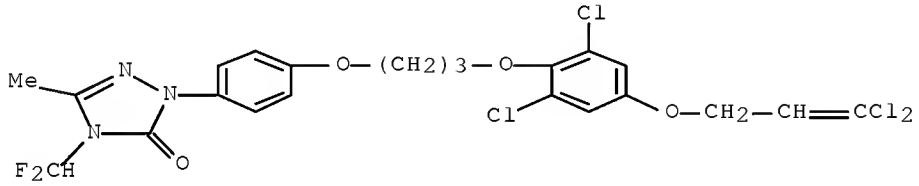
RN 860629-22-7 CAPLUS
CN 1,3,4-Oxadiazol-2(3H)-one, 3-[2,6-dichloro-4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-5-(1,1-dimethylethyl)- (CA INDEX NAME)



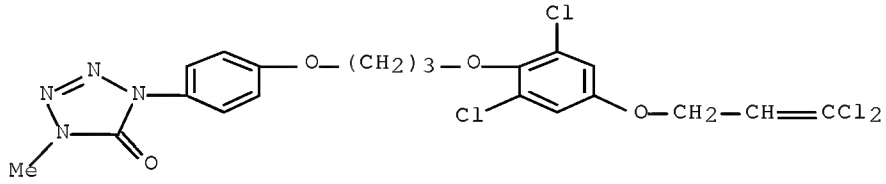
RN 860629-23-8 CAPLUS
CN 3H-1,2,4-Triazol-3-one, 2-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-2,4-dihydro-5-methyl-4-(1-methylethyl)- (CA INDEX NAME)



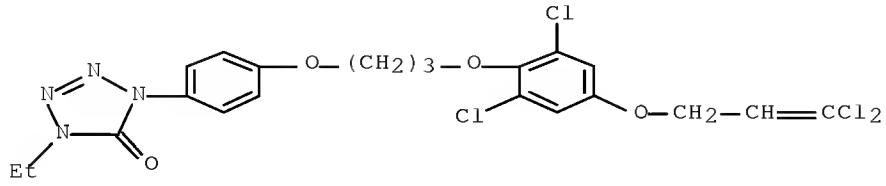
RN 860629-24-9 CAPLUS
CN 3H-1,2,4-Triazol-3-one, 2-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-4-(difluoromethyl)-2,4-dihydro-5-methyl- (CA INDEX NAME)



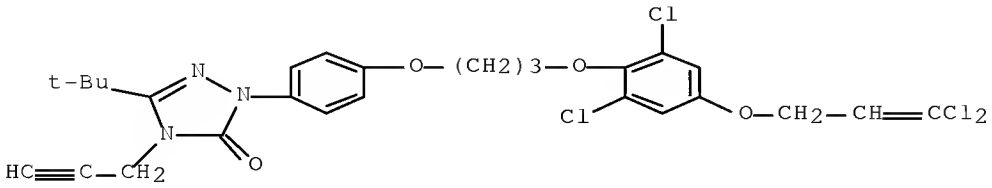
RN 860629-25-0 CAPLUS
CN 5H-Tetrazol-5-one, 1-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-1,4-dihydro-4-methyl- (CA INDEX NAME)



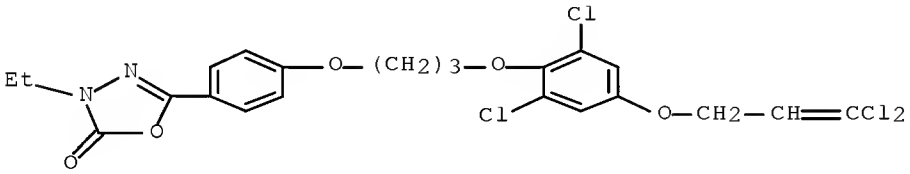
RN 860629-26-1 CAPLUS
CN 5H-Tetrazol-5-one, 1-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-4-ethyl-1,4-dihydro- (CA INDEX NAME)



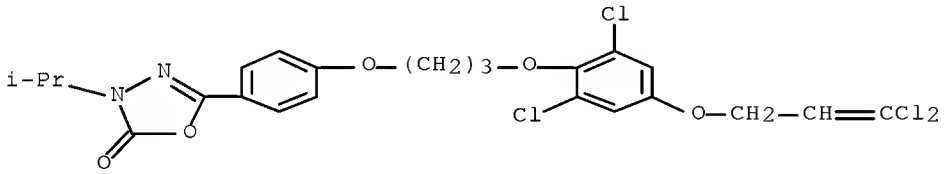
RN 860629-27-2 CAPLUS
CN 3H-1,2,4-Triazol-3-one, 2-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-5-(1,1-dimethylethyl)-2,4-dihydro-4-(2-propyn-1-yl)- (CA INDEX NAME)



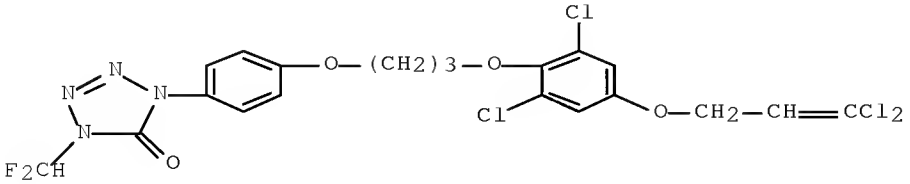
RN 860629-28-3 CAPLUS
CN 1,3,4-Oxadiazol-2(3H)-one, 5-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-3-ethyl- (CA INDEX NAME)



RN 860629-29-4 CAPLUS
CN 1,3,4-Oxadiazol-2(3H)-one, 5-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-3-(1-methylethyl)- (CA INDEX NAME)

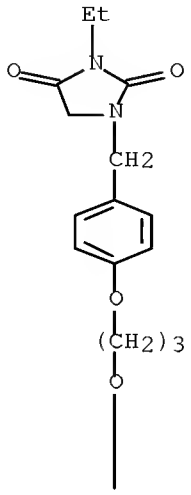


RN 860629-30-7 CAPLUS
CN 5H-Tetrazol-5-one, 1-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-4-(difluoromethyl)-1,4-dihydro- (CA INDEX NAME)



RN 860629-31-8 CAPLUS
CN 2,4-Imidazolidinedione, 1-[[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]methyl]-3-ethyl- (CA INDEX NAME)

PAGE 1-A



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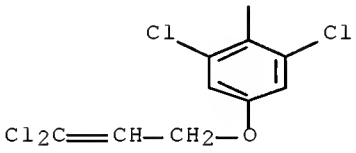

L16 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:182604 CAPLUS Full-text
DOCUMENT NUMBER: 142:280219
TITLE: Preparation of (3,3-dihaloallyloxy)phenol derivatives as pesticides
INVENTOR(S): Zambach, Werner; Trah, Stephan; Hall, Roger Graham; Lutz, William
PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.
SOURCE: PCT Int. Appl., 69 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005019147	A2	20050303	WO 2004-EP9500	20040825
WO 2005019147	A3	20050407		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,

CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
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EP 1659863	A2	20060531	EP 2004-764476		20040825
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JP 2007503416	T	20070222	JP 2006-524326		20040825
US 20070142229	A1	20070621	US 2006-568993		20061113
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			WO 2004-EP9500	W	20040825

OTHER SOURCE(S): MARPAT 142:280219

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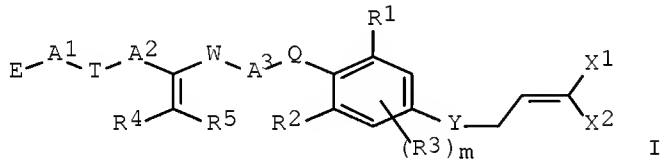

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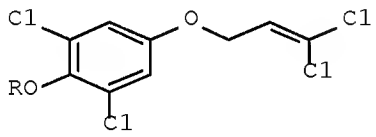

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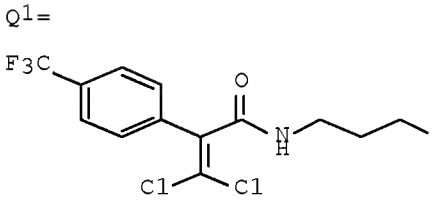

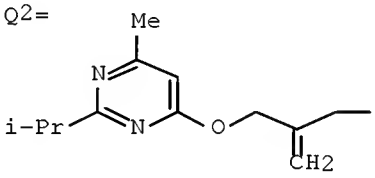

AB There are described compds. of formula (I) [wherein X1, X2 = independently F, Cl or Br; A1, A2 = a bond, (un)substituted C1-6 alkylene bridge; A3 = (un)substituted C1-6 alkylene bridge; R1, R2 halogen, OH, SH, cyano, NO2, C1-6 alkyl, C1-6 haloalkyl, C1-6 alkyl-carbonyl, C2-6 alkenyl, C2-6 haloalkenyl, C2-6 alkynyl, etc.; R3 = H, halogen, OH, SH, cyano, NO2, C1-6 alkyl, C1-6 haloalkyl, etc.; R4, R5 = H, halogen, cyano, NO2, C1-6 alkyl, C1-3 haloalkyl, etc. ; m = 1 or 2; Q, Y = O, S, SO, SO2, (un)substituted NH; W, T = a bond, O, S, SO, SO2, C(O)O, OC(O), each (un)substituted NH, CH:N-O, CONH, or NHCO; E = (un)substituted aryl or heterocyclyl] where applicable, their possible E/Z isomers, E/Z isomeric mixts. and/or tautomers, in each case in free form or in salt form. Pesticidal compns. in which the active ingredient has been selected from those compds. I and agrochem. acceptable salts thereof are also described. Thus,74 mg 3,3-dichloro-2-(4-trifluoromethylphenyl)acrylic acid, 67 mg of bis(2-oxo-3-oxazolidinyl)phosphinic acid chloride, 53 mg Et3N, and 100 mg [3-[2,6-dichloro-4-(3,3-dichloroallyloxy)phenoxy]propyl]amine were

stirred in 2 mL CH2Cl2 for 48 h at 40° to give, after workup and silica gel chromatog., 3,3-dichloro-N-[3-[2,6-dichloro-4-(3,3-dichloroallyloxy)phenoxy]propyl]-2-(4-trifluoromethylphenyl)acrylamide (II; R = Q1). II (R = Q1) and II (R = Q2) at 400 ppm with aqueous emulsion spray killed 80% Heliothis virescens caterpillars on young soybean plants.

IT 847343-56-0P 847343-57-1P 847343-58-2P
847343-59-3P 847343-60-6P 847343-73-1P
847343-74-2P 847343-75-3P 847343-76-4P
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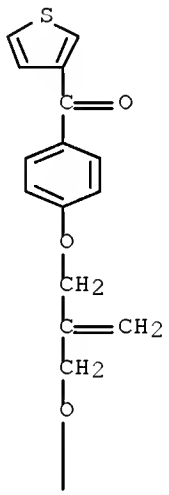
847344-16-5P 847344-17-6P 847344-18-7P
847344-23-4P 847344-27-8P 847344-29-0P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of (dihaloallyloxy)phenol derivs. as pesticides)

RN 847343-56-0 CAPLUS
CN Methanone, [4-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]phenyl]-3-thienyl- (CA INDEX NAME)

PAGE 1-A



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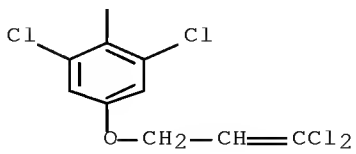
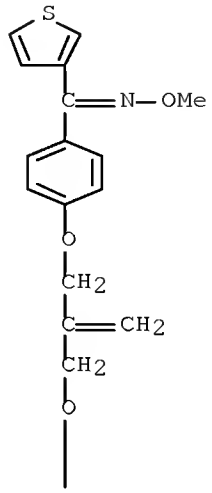


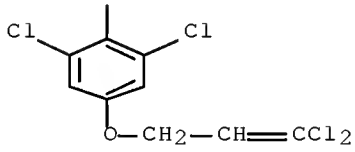
RN 847343-57-1 CAPLUS
CN Methanone, [4-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-

yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]phenyl]-3-thienyl-, O-methyloxime (CA INDEX NAME)

PAGE 1-A

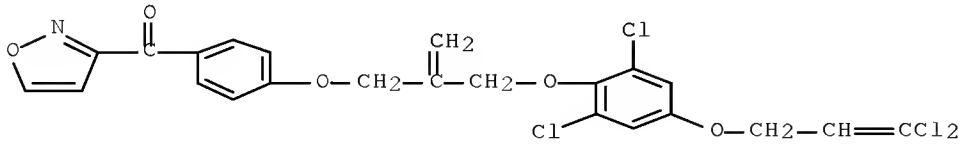


PAGE 2-A



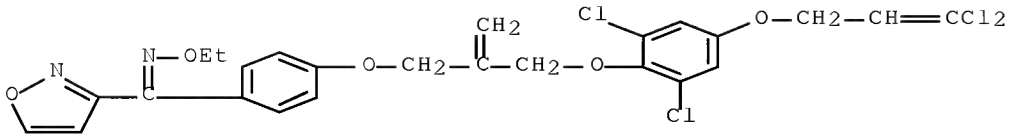
RN 847343-58-2 CAPLUS

CN Methanone, [4-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]phenyl]-3-isoxazolyl- (CA INDEX NAME)

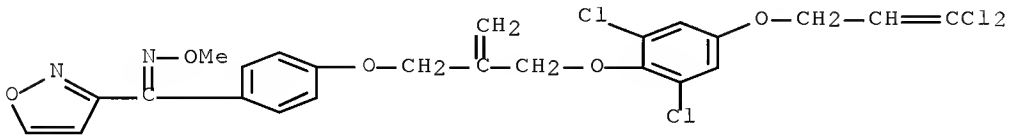


RN 847343-59-3 CAPLUS

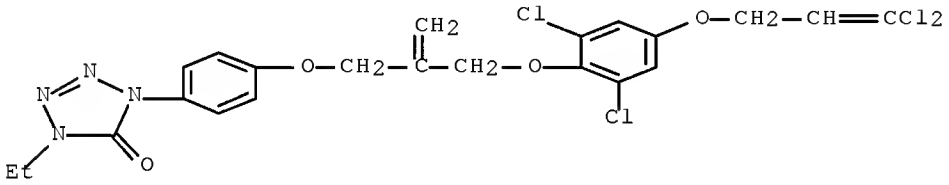
CN Methanone, [4-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]phenyl]-3-isoxazolyl-, O-ethyloxime (CA INDEX NAME)



RN 847343-60-6 CAPLUS
CN Methanone, [4-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]phenyl]-3-isoxazolyl-, O-methyloxime (CA INDEX NAME)

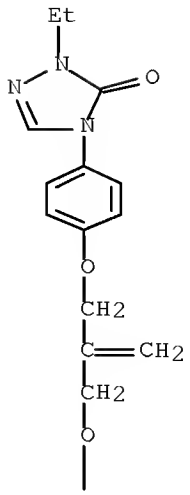


RN 847343-73-1 CAPLUS
CN 5H-Tetrazol-5-one, 1-[4-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]phenyl]-4-ethyl-1,4-dihydro- (CA INDEX NAME)



RN 847343-74-2 CAPLUS
CN 3H-1,2,4-Triazol-3-one, 4-[4-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]phenyl]-2-ethyl-2,4-dihydro- (CA INDEX NAME)

PAGE 1-A



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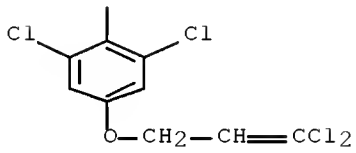

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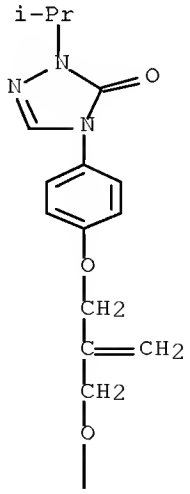
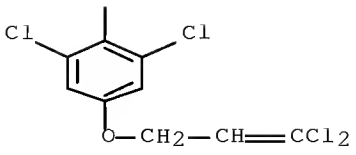
CN 3H-1,2,4-Triazol-3-one, 4-[4-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]phenyl]-2,4-dihydro-2-(1-methylethyl)- (CA INDEX NAME)

PAGE 1-A

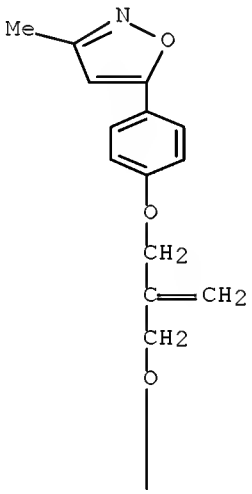


PAGE 2-A



RN 847343-76-4 CAPLUS
CN Isoxazole, 5-[4-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]phenyl]-3-methyl- (CA INDEX NAME)

PAGE 1-A



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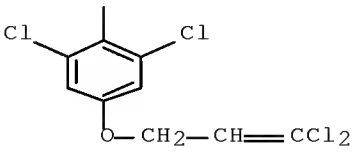

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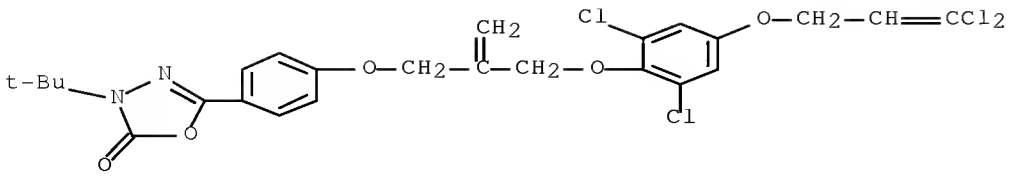
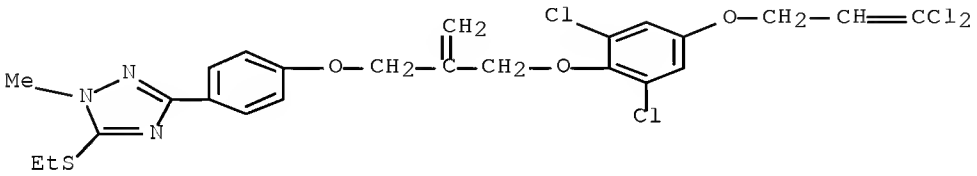
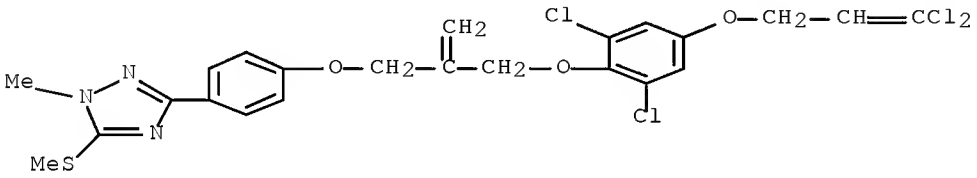
CN 1,3,4-Oxadiazol-2(3H)-one, 5-[4-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]phenyl]-3-(1,1-dimethylethyl)- (CA INDEX NAME)



RN 847343-80-0 CAPLUS
CN 1H-1,2,4-Triazole, 3-[4-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]phenyl]-5-(ethylthio)-1-methyl- (CA INDEX NAME)



RN 847343-81-1 CAPLUS
CN 1H-1,2,4-Triazole, 3-[4-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]phenyl]-1-methyl-5-(methylthio)- (CA INDEX NAME)



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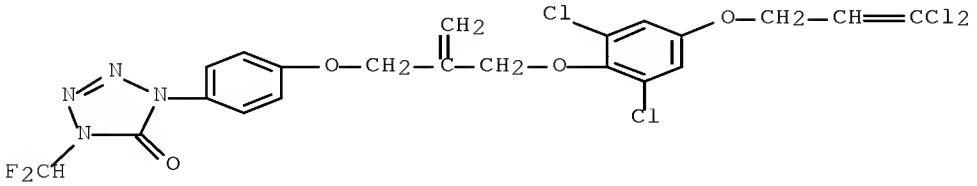
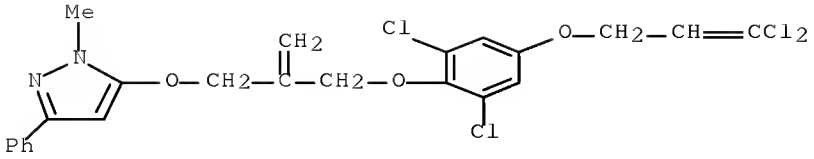
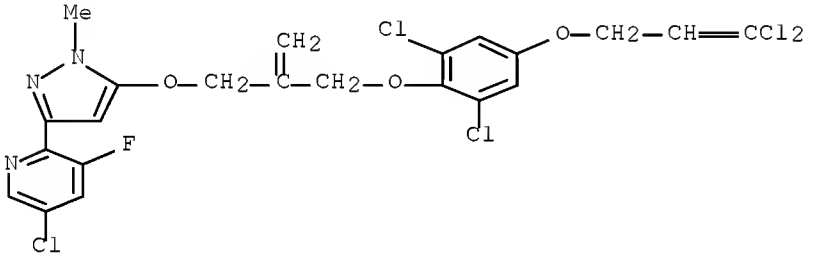
CN 5H-Tetrazol-5-one, 1-[4-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]phenyl]-4-(difluoromethyl)-1,4-dihydro- (CA INDEX NAME)



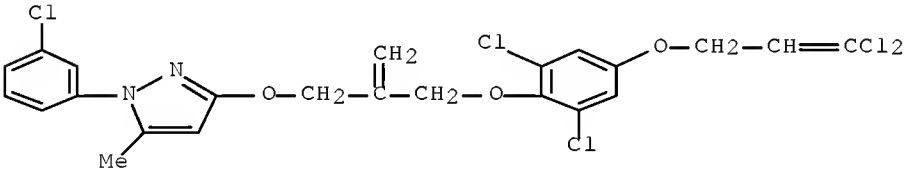
RN 847343-86-6 CAPLUS
CN 1H-Pyrazole, 5-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]-1-methyl-3-phenyl- (CA INDEX NAME)



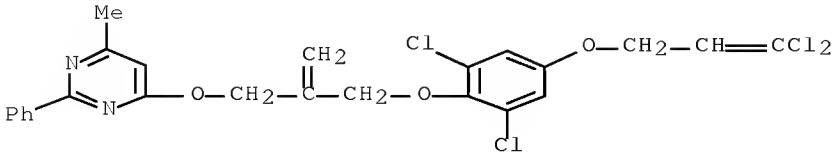
RN 847343-88-8 CAPLUS
CN Pyridine, 5-chloro-2-[5-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]-1-methyl-1H-pyrazol-3-yl]-3-fluoro- (CA INDEX NAME)



RN 847343-91-3 CAPLUS
CN 1H-Pyrazole, 1-(3-chlorophenyl)-3-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]-5-methyl- (CA INDEX NAME)

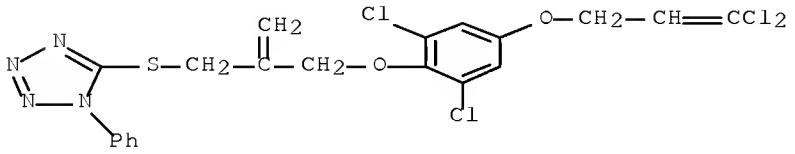


RN 847343-92-4 CAPLUS
CN Pyrimidine, 4-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]-6-methyl-2-phenyl- (CA INDEX NAME)



RN 847344-10-9 CAPLUS

CN 1H-Tetrazole, 5-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]thio]-1-phenyl- (CA INDEX NAME)



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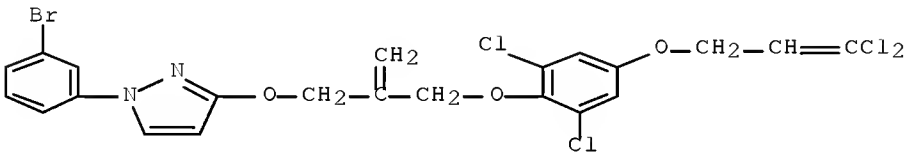
CN 1H-Pyrazole, 1-(3-bromophenyl)-3-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]- (CA INDEX NAME)



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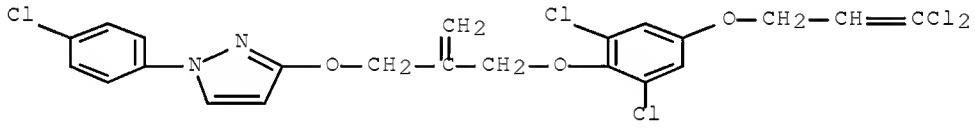
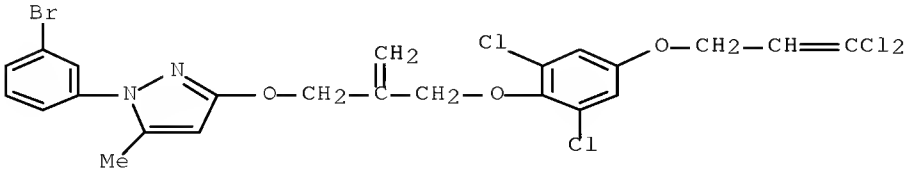
CN 1H-Pyrazole, 1-(4-chlorophenyl)-3-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]- (CA INDEX NAME)



RN 847344-15-4 CAPLUS
CN 1H-Pyrazole, 1-(3-bromophenyl)-3-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]-5-methyl- (CA INDEX NAME)



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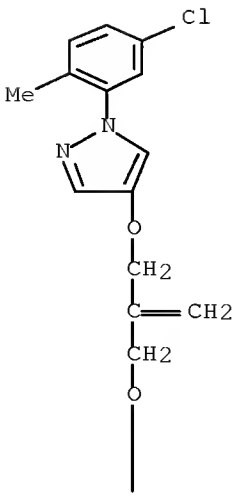
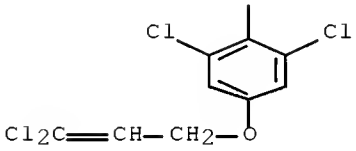
CN 1H-Pyrazole, 1-(5-chloro-2-methylphenyl)-4-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]- (CA INDEX NAME)

PAGE 1-A



PAGE 2-A



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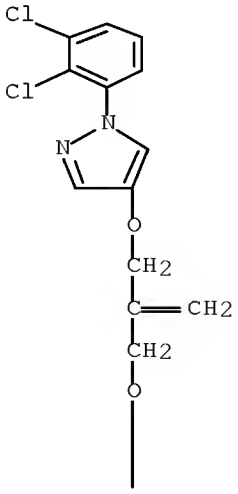
CN 1H-Pyrazole, 4-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]-1-(2,3-dichlorophenyl)- (CA INDEX NAME)

PAGE 1-A



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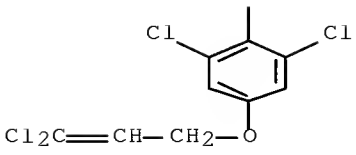

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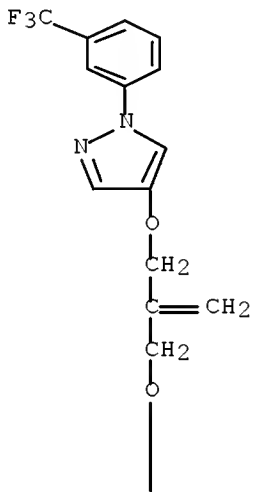
CN 1H-Pyrazole, 4-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]-1-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

PAGE 1-A



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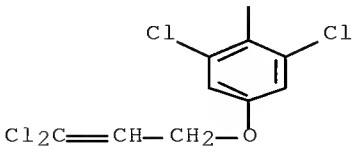
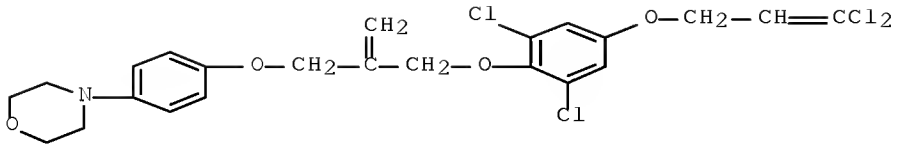


RN 847344-23-4 CAPLUS
CN Morpholine, 4-[4-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]oxy]phenyl]- (CA INDEX NAME)



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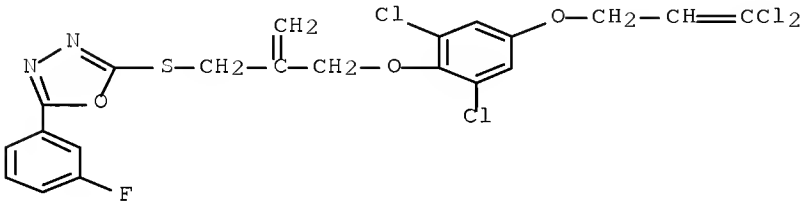
CN 1,3,4-Oxadiazole, 2-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]thio]-5-(3-fluorophenyl)- (CA INDEX NAME)



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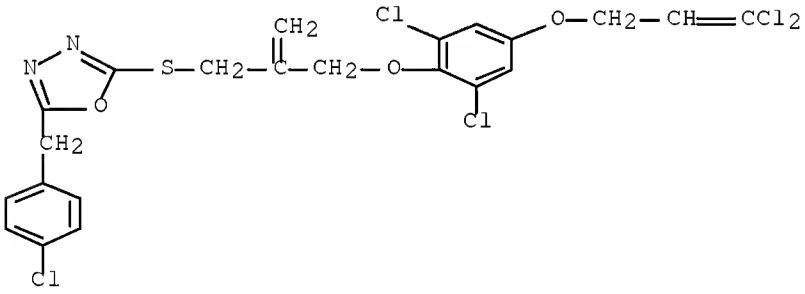
CN 1,3,4-Oxadiazole, 2-[(4-chlorophenyl)methyl]-5-[[2-[[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]methyl]-2-propen-1-yl]thio]- (CA INDEX NAME)



L16 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:1154652 CAPLUS Full-text
DOCUMENT NUMBER: 142:93516
TITLE: Preparation of pesticidally active ketone and oxime derivatives
INVENTOR(S): Zambach, Werner; Hall, Roger Graham ; Renold, Peter; Trah, Stephan
PATENT ASSIGNEE(S): Syngenta Participations AG, Switz.
SOURCE: PCT Int. Appl., 83 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004113273	A1	20041229	WO 2004-EP6749	20040622
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PRIORITY APPLN. INFO.:			CH 2003-1096	A 20030623
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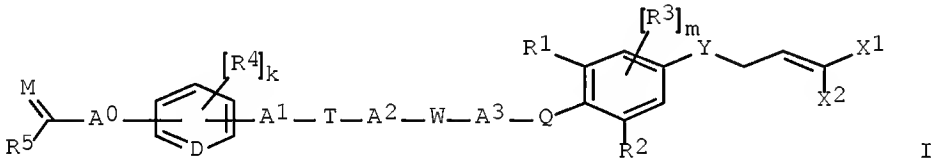

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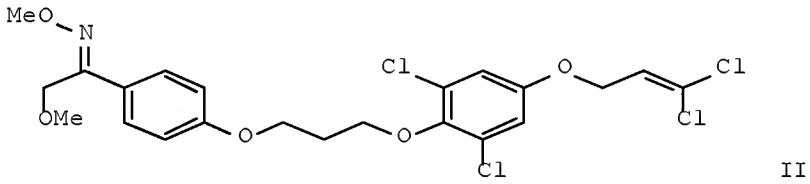
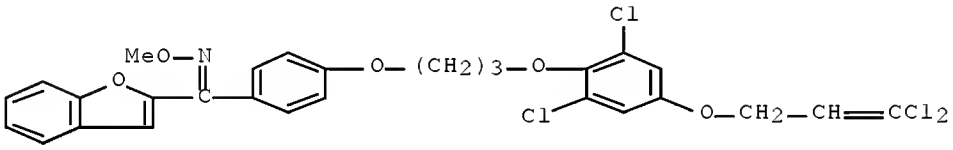


II

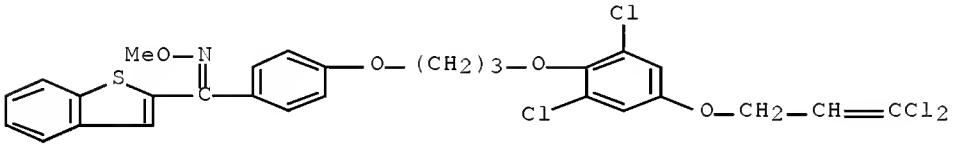
AB The title compds. I [A0–A3 = (un)substituted alkylene; Y = O, S, SO, SO2, (un)substituted NH; M = O, NOR6; X1, X2 = F, Cl, Br; R1–R3 = H, halo, OH, SH, CN, NO2, alkyl, haloalkyl, alkylcarbonyl, alkenyl, haloalkenyl, alkynyl, etc.; Q = O, S, SO, SO2, (un)substituted NH; W = O, S, SO, SO2, CO2, etc.; T = a bond, O, S, SO, SO2, CO2, etc.; D = CH, N; R4 = H, halo, OH, SH, CN, NO2, alkyl, haloalkyl, etc.; R5 = alkyl, cycloalkyl, (un)substituted NH2, etc.; R6 = H, alkyl, cycloalkyl, etc.; k = 0–4; m = 1–2], were prepared E.g., a multi-step synthesis of II, starting from 2-bromo-1-(4-hydroxyphenyl)ethanone, which was more than 80% effective against Heliothis virescens, Plutella xylostella, and Spodoptera littoralis, was given. The invention also relates to pesticidal compns. in which the active ingredient has been selected from the compds. I and agrochem. acceptable salts thereof, and a process for the preparation of those compns. and their use, to plant propagation material treated with those compns., and a method of controlling pests.

IT 818375-48-3P 818375-49-4P 818375-50-7P
818375-59-6P 818375-60-9P 818375-61-0P
818375-62-1P 818375-63-2P 818375-64-3P
818375-65-4P 818375-66-5P 818375-74-5P
818375-75-6P 818375-76-7P 818375-77-8P
818375-78-9P 818375-79-0P 818375-80-3P
818375-81-4P 818375-82-5P 818375-83-6P
818375-84-7P 818375-85-8P 818375-86-9P
818375-87-0P 818375-88-1P 818375-89-2P
818375-90-5P 818375-91-6P 818375-92-7P
818375-93-8P 818375-94-9P 818376-11-3P
818376-12-4P 818376-13-5P 818376-14-6P
818376-15-7P 818376-16-8P 818376-17-9P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of pesticidally active ketone and oxime derivs.)

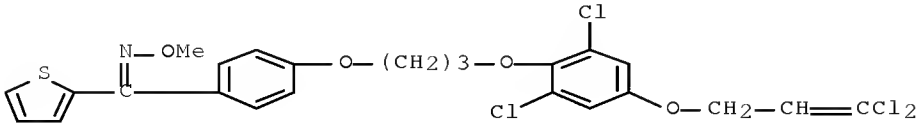
RN 818375-48-3 CAPLUS
CN Methanone, 2-benzofuranyl[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-, O-methyloxime (CA INDEX NAME)



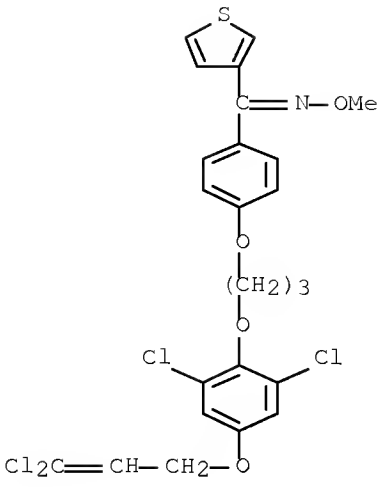
RN 818375-49-4 CAPLUS
CN Methanone, benzo[b]thien-2-yl[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-, O-methyloxime (CA INDEX NAME)



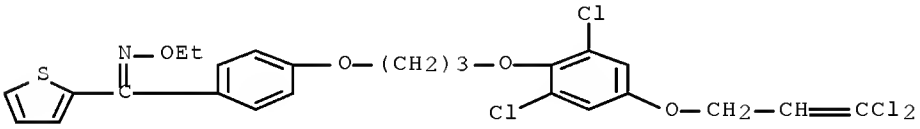
RN 818375-50-7 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-2-thienyl-, O-methyloxime (CA INDEX NAME)



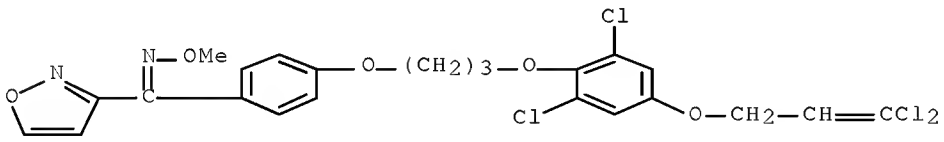
RN 818375-59-6 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-3-thienyl-, O-methyloxime (CA INDEX NAME)



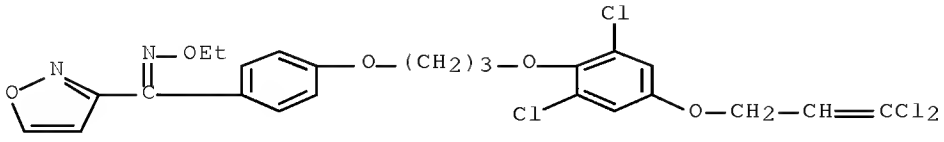
RN 818375-60-9 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-2-thienyl-, O-ethyloxime (CA INDEX NAME)



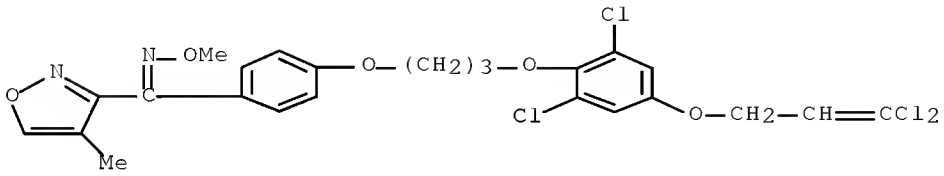
RN 818375-61-0 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-3-isoxazolyl-, O-methyloxime (CA INDEX NAME)



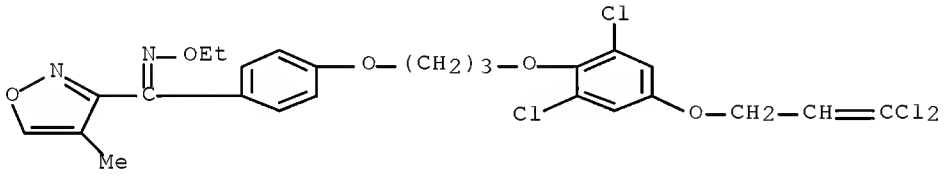
RN 818375-62-1 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-3-isoxazolyl-, O-ethyloxime (CA INDEX NAME)



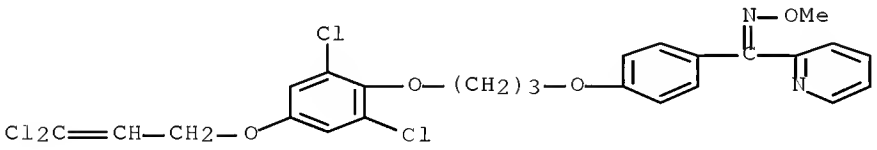
RN 818375-63-2 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl](4-methyl-3-isoxazolyl)-, O-methyloxime (CA INDEX NAME)



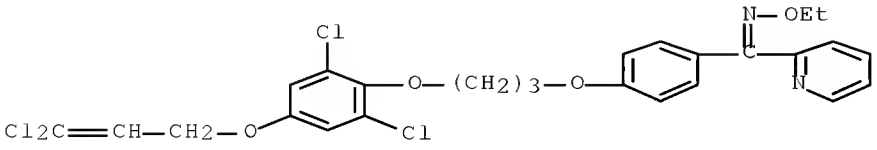
RN 818375-64-3 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl](4-methyl-3-isoxazolyl)-, O-ethyloxime (CA INDEX NAME)



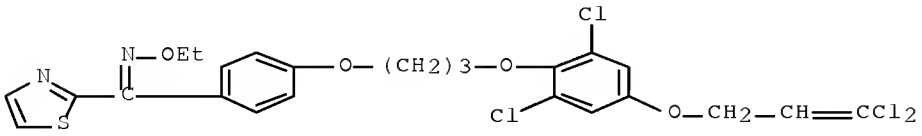
RN 818375-65-4 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-2-pyridinyl-, O-methyloxime (CA INDEX NAME)



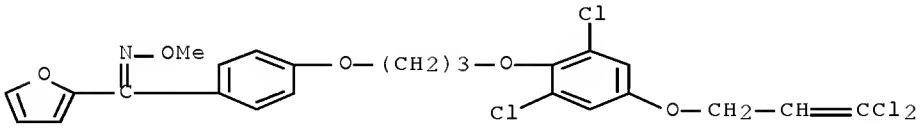
RN 818375-66-5 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-2-pyridinyl-, O-ethyloxime (CA INDEX NAME)



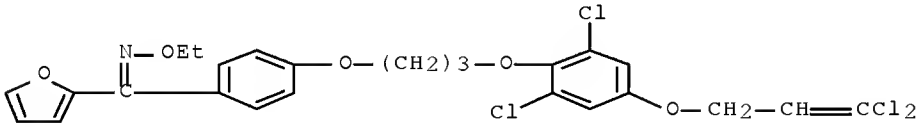
RN 818375-74-5 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-2-thiazolyl-, O-ethyloxime (CA INDEX NAME)



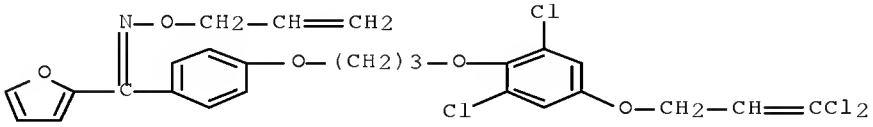
RN 818375-75-6 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-2-furanyl-, O-methyloxime (CA INDEX NAME)



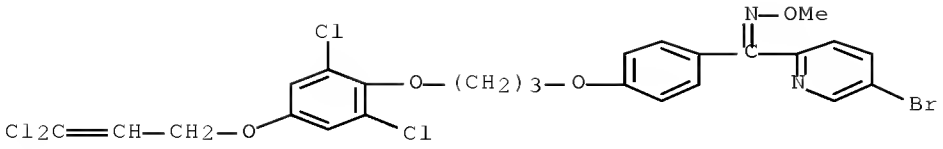
RN 818375-76-7 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-2-furanyl-, O-ethyloxime (CA INDEX NAME)



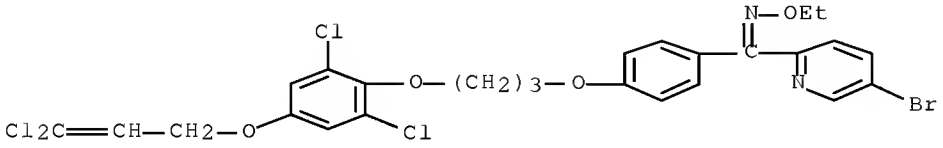
RN 818375-77-8 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-2-furanyl-, O-2-propen-1-yloxime (CA INDEX NAME)



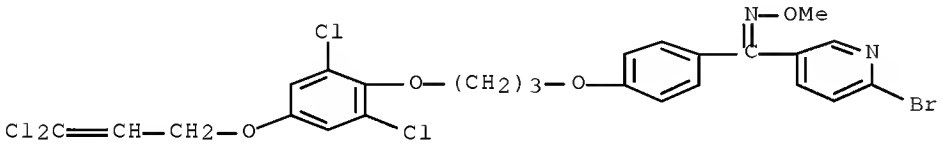
RN 818375-78-9 CAPLUS
CN Methanone, (5-bromo-2-pyridinyl)[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-, O-methyloxime (CA INDEX NAME)



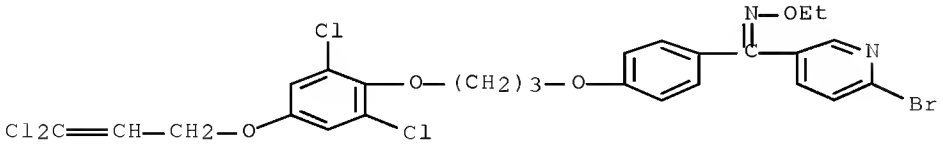
RN 818375-79-0 CAPLUS
CN Methanone, (5-bromo-2-pyridinyl)[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-, O-ethyloxime (CA INDEX NAME)



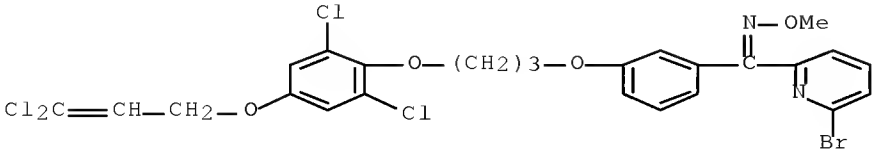
RN 818375-80-3 CAPLUS
CN Methanone, (6-bromo-3-pyridinyl)[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-, O-methyloxime (CA INDEX NAME)



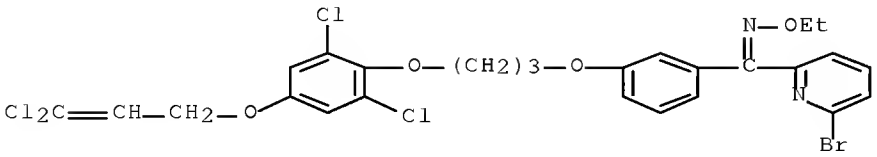
RN 818375-81-4 CAPLUS
CN Methanone, (6-bromo-3-pyridinyl)[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-, O-ethyloxime (CA INDEX NAME)



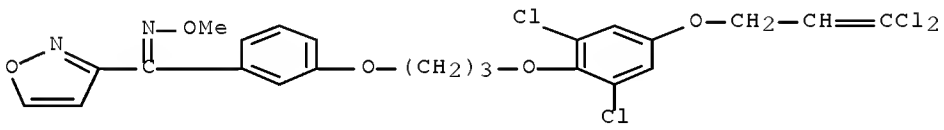
RN 818375-82-5 CAPLUS
CN Methanone, (6-bromo-2-pyridinyl)[3-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-, O-methyloxime (CA INDEX NAME)



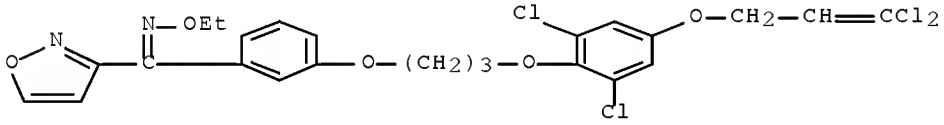
RN 818375-83-6 CAPLUS
CN Methanone, (6-bromo-2-pyridinyl)[3-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-, O-ethyloxime (CA INDEX NAME)



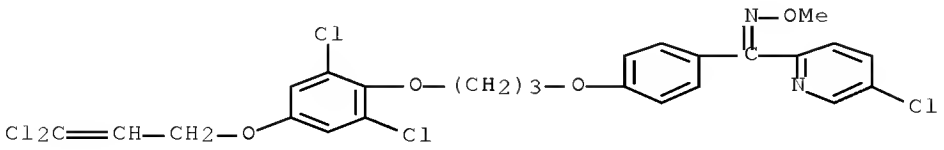
RN 818375-84-7 CAPLUS
CN Methanone, [3-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-3-isoxazolyl-, O-methyloxime (CA INDEX NAME)



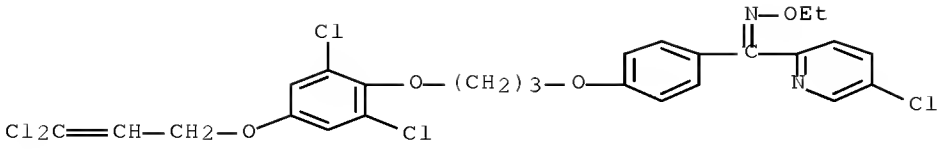
RN 818375-85-8 CAPLUS
CN Methanone, [3-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-3-isoxazolyl-, O-ethyloxime (CA INDEX NAME)



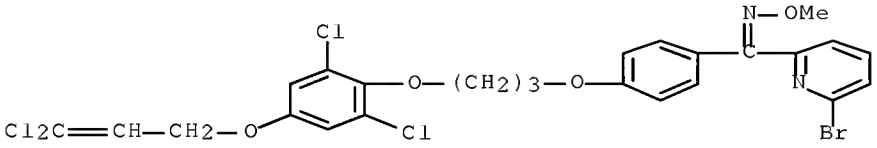
RN 818375-86-9 CAPLUS
CN Methanone, (5-chloro-2-pyridinyl)[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-, O-methyloxime (CA INDEX NAME)



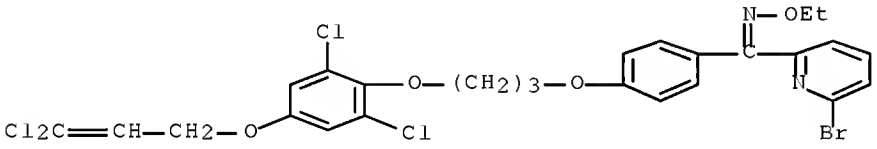
RN 818375-87-0 CAPLUS
CN Methanone, (5-chloro-2-pyridinyl)[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-, O-ethyloxime (CA INDEX NAME)



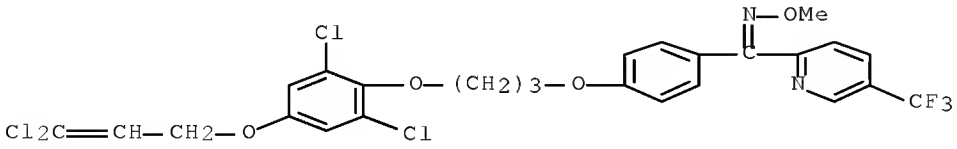
RN 818375-88-1 CAPLUS
CN Methanone, (6-bromo-2-pyridinyl)[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-, O-methyloxime (CA INDEX NAME)



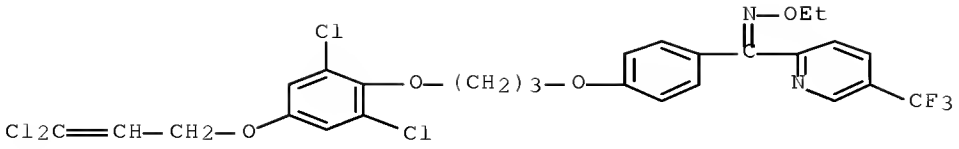
RN 818375-89-2 CAPLUS
CN Methanone, (6-bromo-2-pyridinyl)[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-, O-ethyloxime (CA INDEX NAME)



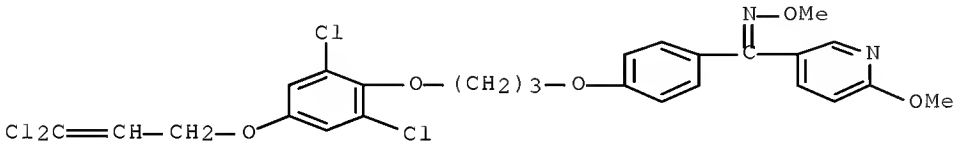
RN 818375-90-5 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl][5-(trifluoromethyl)-2-pyridinyl]-, O-methyloxime (CA INDEX NAME)



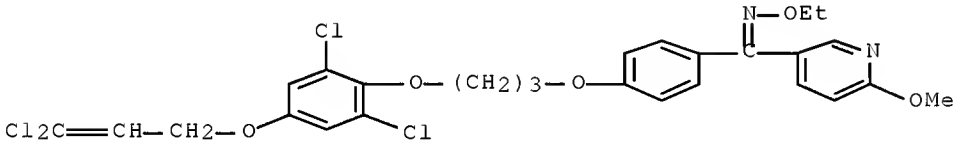
RN 818375-91-6 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl][5-(trifluoromethyl)-2-pyridinyl]-, O-ethyloxime (CA INDEX NAME)



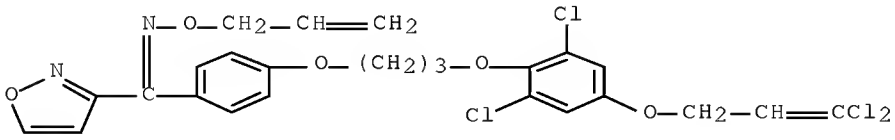
RN 818375-92-7 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl](6-methoxy-3-pyridinyl)-, O-methyloxime (CA INDEX NAME)



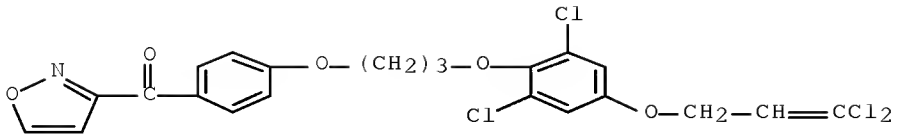
RN 818375-93-8 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl](6-methoxy-3-pyridinyl)-, O-ethyloxime (CA INDEX NAME)



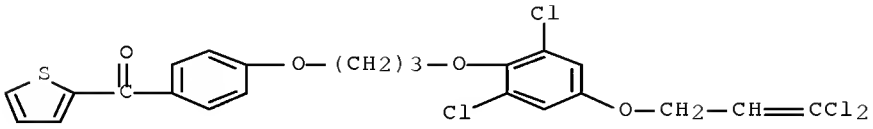
RN 818375-94-9 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-3-isoxazolyl-, O-2-propen-1-yloxime (CA INDEX NAME)



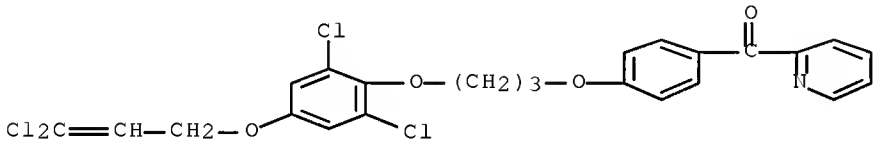
RN 818376-11-3 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-3-isoxazolyl- (CA INDEX NAME)



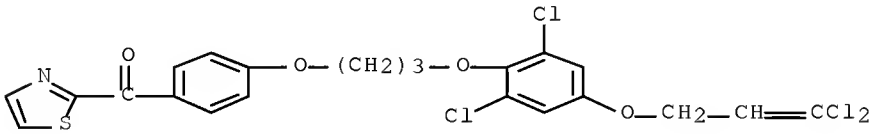
RN 818376-12-4 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-2-thienyl- (CA INDEX NAME)



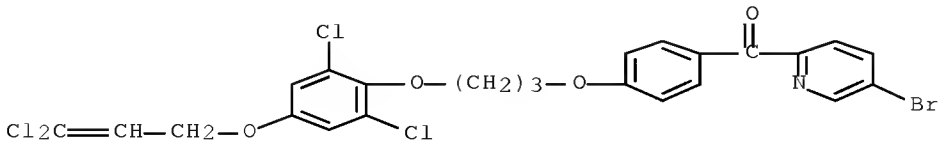
RN 818376-13-5 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-2-pyridinyl- (CA INDEX NAME)



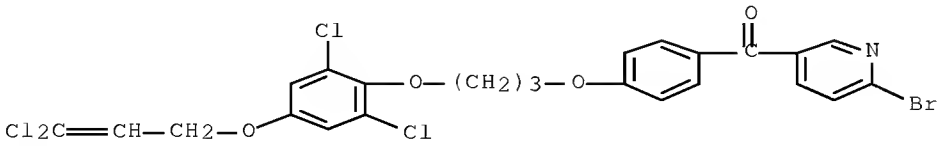
RN 818376-14-6 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-2-thiazolyl- (CA INDEX NAME)



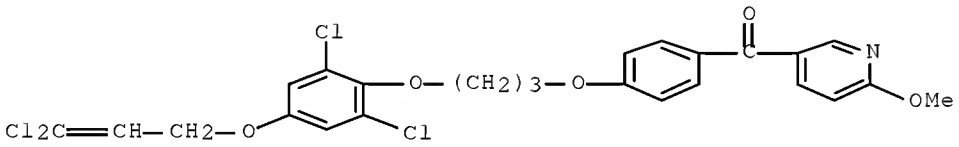
RN 818376-15-7 CAPLUS
CN Methanone, (5-bromo-2-pyridinyl)[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]- (CA INDEX NAME)



RN 818376-16-8 CAPLUS
CN Methanone, (6-bromo-3-pyridinyl)[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]- (CA INDEX NAME)



RN 818376-17-9 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl](6-methoxy-3-pyridinyl)- (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

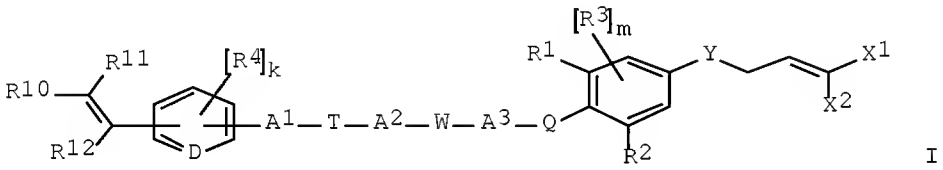
L16 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:513651 CAPLUS Full-text
DOCUMENT NUMBER: 141:71344
TITLE: Preparation of dihalo-allyloxy-phenol derivatives having pesticidal activity
INVENTOR(S): Zambach, Werner; Renold, Peter; Hall, Roger Graham; Trah, Stephan
PATENT ASSIGNEE(S): Syngenta Participations Ag, Switz.
SOURCE: PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004052816	A1	20040624	WO 2003-EP14009	20031210
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003288248	A1	20040630	AU 2003-288248	20031210

EP 1572612	A1	20050914	EP 2003-780146	20031210
EP 1572612	B1	20071031		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2006509794	T	20060323	JP 2004-558059	20031210
AT 376988	T	20071115	AT 2003-780146	20031210
ES 2291718	T3	20080301	ES 2003-780146	20031210
US 20060014806	A1	20060119	US 2005-537444	20050602
PRIORITY APPLN. INFO.:			CH 2002-2104 A	20021211
			WO 2003-EP14009 W	20031210

OTHER SOURCE(S): MARPAT 141:71344

GI



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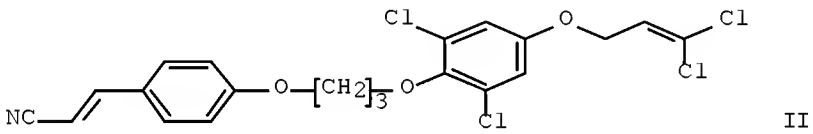


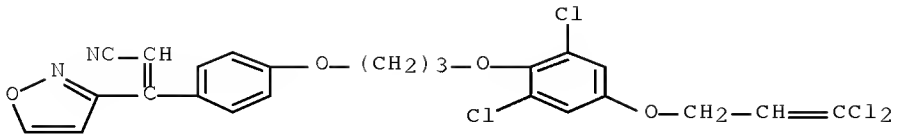
II

AB The title compds. [I; A1, A2 = a bond, alkylene; A3 = alkylene; X1, X2 = F, Cl, Br; Y = O, NR7, S, SO, SO2; R1-R3 = H, halo, OH, SH, CN, NO2, alkyl, haloalkyl, alkylcarbonyl, alkenyl; Q = O, NR5, S, SO, SO2; W = O, NR5, SO, etc.; T = a bond, O, NR5, etc.; D is CH or N; R4 = H, halogen, OH, SH, CN, NO2, etc.; R5, R7 = H, alkyl, haloalkyl, etc.; k = 1-4; m = 1-2; R10 = radical which contains O, N or S; R11 = H, alkyl or a radical which contains from 1-3 hetero atoms selected from O, N and S; or R11 together with R12 is a bond; R12 = H, alkyl, haloalkyl, alkoxyalkyl, etc.] useful for controlling pests, were prepared Thus, reacting cyanomethanephosphoric acid di-Et ester with 4-{3-[2,6-dichloro-4-(3,3- dichloroallyloxy)phenoxy]propoxy}benzaldehyde afforded II which was more than 80% effective against Heliothis virescens caterpillars, Plutella xylostella caterpillars, and Spodoptera littoralis.

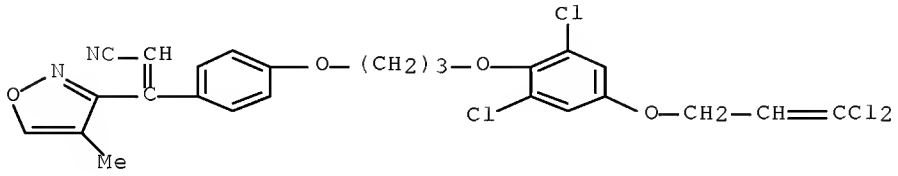
IT 711012-98-5P 711012-99-6P 711013-00-2P
711013-01-3P 711013-02-4P 711013-03-5P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of dihalo-allyloxy-phenol derivs. having pesticidal activity)

RN 711012-98-5 CAPLUS

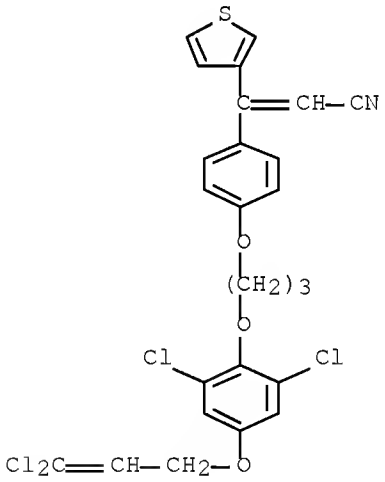
CN 2-Propenenitrile, 3-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-3-(3-isoxazolyl)- (CA INDEX NAME)



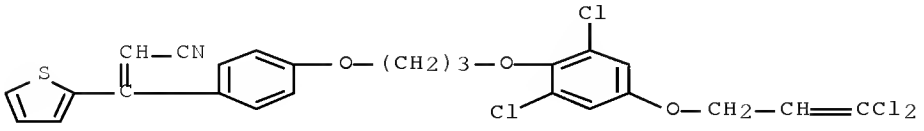
RN 711012-99-6 CAPLUS
CN 2-Propenenitrile, 3-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-3-(4-methyl-3-isoxazolyl)- (CA INDEX NAME)



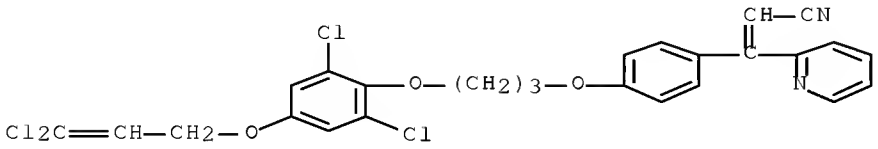
RN 711013-00-2 CAPLUS
CN 2-Propenenitrile, 3-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-3-(3-thienyl)- (CA INDEX NAME)



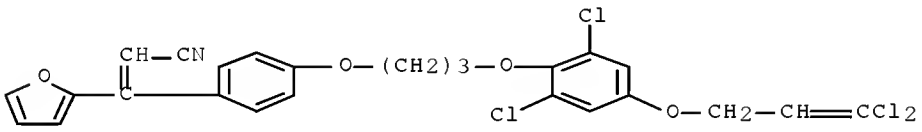
RN 711013-01-3 CAPLUS
CN 2-Propenenitrile, 3-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-3-(2-thienyl)- (CA INDEX NAME)



RN 711013-02-4 CAPLUS
CN 2-Propenenitrile, 3-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-3-(2-pyridinyl)- (CA INDEX NAME)



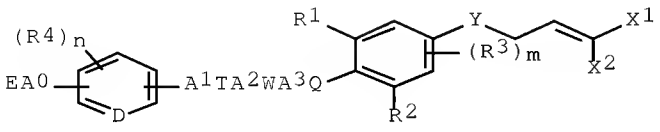
RN 711013-03-5 CAPLUS
CN 2-Propenenitrile, 3-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-3-(2-furanyl)- (CA INDEX NAME)



L16 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:203839 CAPLUS Full-text
DOCUMENT NUMBER: 140:253566
TITLE: Preparation of dihaloallyloxyphenoxypropoxyphenylazoles as pesticides.
INVENTOR(S): Zambach, Werner; Steiger, Arthur; Renold, Peter; Trah, Stephan; Hall, Roger Graham
PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.
SOURCE: PCT Int. Appl., 71 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004020445	A2	20040311	WO 2003-EP9636	20030829
WO 2004020445	A3	20040415		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003266333	A1	20040319	AU 2003-266333	20030829
EP 1537077	A2	20050608	EP 2003-790947	20030829
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
JP 2006507245 T 20060302 JP 2004-532153 20030829
US 20050288186 A1 20051229 US 2005-525891 20050225
PRIORITY APPLN. INFO.: CH 2002-1487 A 20020830
WO 2003-EP9636 W 20030829
OTHER SOURCE(S): MARPAT 140:253566
GI



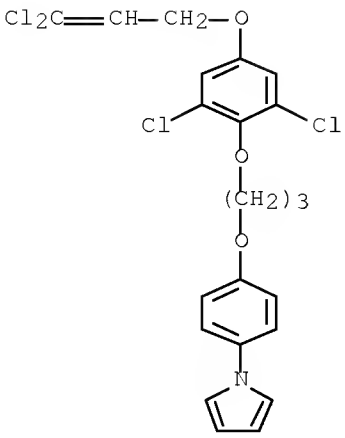
I

AB Title compds. [I; A0-A2 = bond, (substituted) alkylene; A3 = (substituted) alkylene; D = CH, N; X1, X2 = F, Cl, Br; R1-R3 = H, halo, OH, SH, cyano, NO2, alkyl, haloalkyl, alkylcarbonyl, alkenyl, haloalkenyl, alkynyl, alkoxy, alkenyloxy, alkynyloxy, alkoxycarbonyl, etc.; R4 = H, halo, OH, SH,, cyano, NO2, alkyl, haloalkyl, alkylcarbonyl, alkoxy, alkylsulfonyl, alkoxycarbonyl, etc.; W = O, NR6, S, SO, SO2, CO2, etc.; T = bond, O, NH, NR6, S, SO, SO2, CO2, etc.; Q, Y = O, NR6, S, SO, SO2; R6 = H, alkyl, haloalkyl, alkylcarbonyl, haloalkylcarbonyl, alkoxyalkyl, cycloalkyl, PhCH2; E = (substituted) heteroaryl; m = 1, 2; n = 1-3 when D = N; n = 1-4 when D = CH], were prepared Thus, 5-[4-[3-[2,6-dichloro-4-(3,3- dichloroallyloxy)phenoxy]propoxy]phenyl]-2H-tetrazole (preparation given) was stirred with EtI and K2CO3 in DMF for 4 h at 50° to give 5-[4-[3-[2,6-dichloro-4-(3,3-dichloroallyloxy)phenoxy]propoxy]phenyl]-2H-2- ethyltetrazole. The latter as a 400 ppm spray on cabbage plants was >80% effective against Heliothis virescens caterpillars.

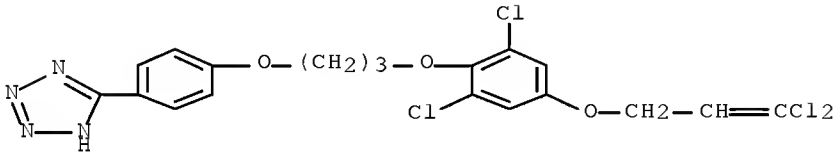
IT 669055-61-2P 669055-62-3P 669055-63-4P
669055-64-5P 669055-65-6P 669055-66-7P
669055-67-8P 669055-68-9P 669055-69-0P
669055-70-3P 669055-71-4P 669055-72-5P
669055-73-6P 669055-74-7P 669055-75-8P
669055-76-9P 669055-77-0P 669055-78-1P
669055-79-2P 669055-80-5P 669055-81-6P
669055-82-7P 669055-83-8P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of dihaloallyloxyphenoxypropoxyphenylazoles as pesticides)

RN 669055-61-2 CAPLUS

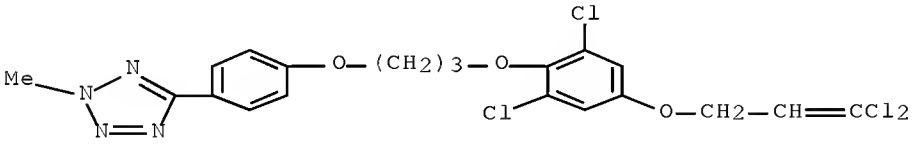
CN 1H-Pyrrole, 1-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]- (CA INDEX NAME)



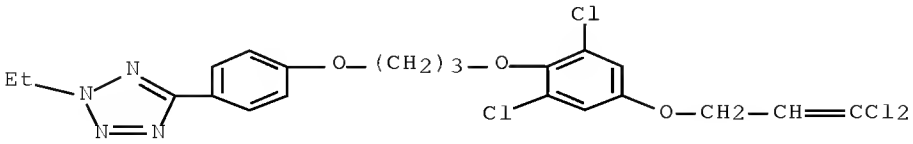
RN 669055-62-3 CAPLUS
CN 2H-Tetrazole, 5-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]- (CA INDEX NAME)



RN 669055-63-4 CAPLUS
CN 2H-Tetrazole, 5-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-2-methyl- (CA INDEX NAME)

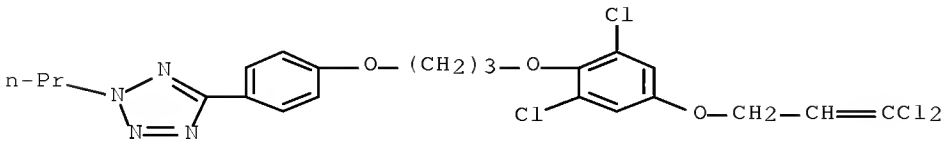


RN 669055-64-5 CAPLUS
CN 2H-Tetrazole, 5-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-2-ethyl- (CA INDEX NAME)

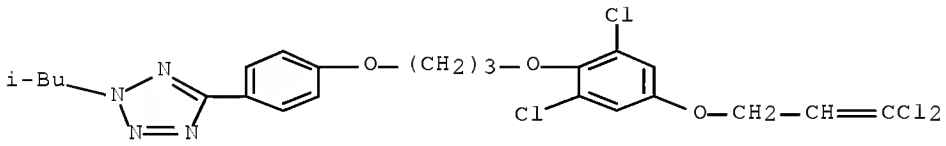


RN 669055-65-6 CAPLUS
CN 2H-Tetrazole, 5-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-

yl)oxy]phenoxy]propoxy]phenyl]-2-propyl- (CA INDEX NAME)

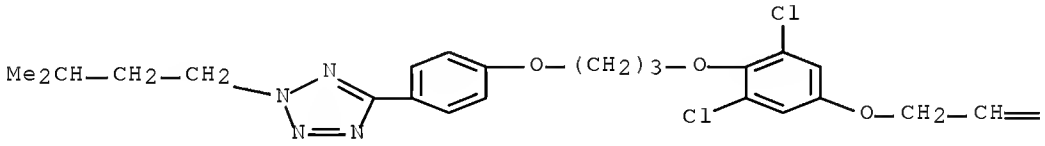


RN 669055-66-7 CAPLUS
CN 2H-Tetrazole, 5-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-2-(2-methylpropyl)- (CA INDEX NAME)

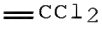


RN 669055-67-8 CAPLUS
CN 2H-Tetrazole, 5-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-2-(3-methylbutyl)- (CA INDEX NAME)

PAGE 1-A

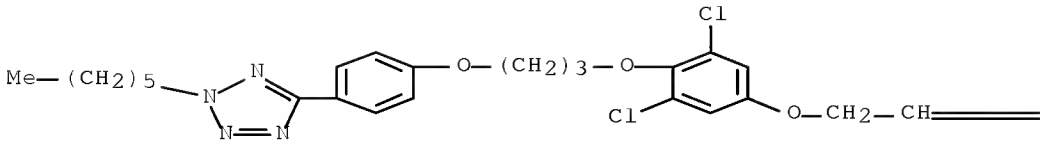


PAGE 1-B

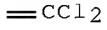


RN 669055-68-9 CAPLUS
CN 2H-Tetrazole, 5-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-2-hexyl- (CA INDEX NAME)

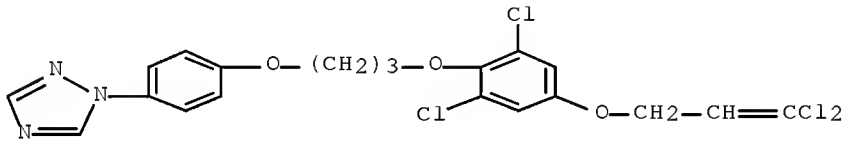
PAGE 1-A



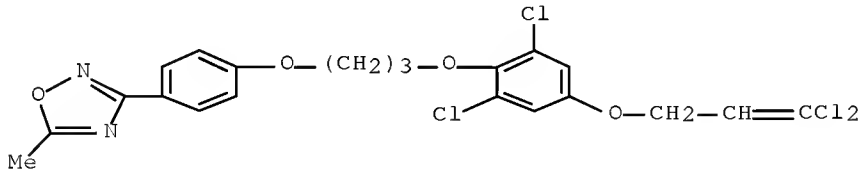
PAGE 1-B



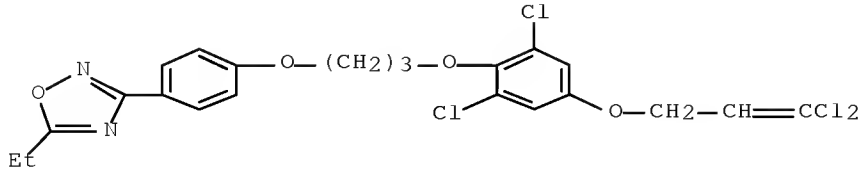
RN 669055-69-0 CAPLUS
CN 1H-1,2,4-Triazole, 1-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]- (CA INDEX NAME)



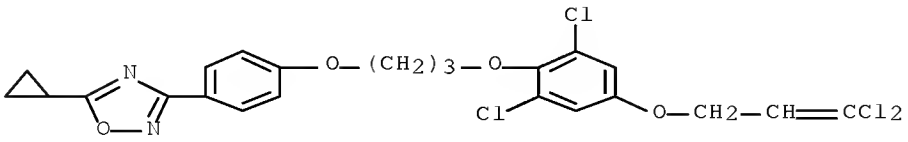
RN 669055-70-3 CAPLUS
CN 1,2,4-Oxadiazole, 3-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-5-methyl- (CA INDEX NAME)



RN 669055-71-4 CAPLUS
CN 1,2,4-Oxadiazole, 3-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-5-ethyl- (CA INDEX NAME)



RN 669055-72-5 CAPLUS
CN 1,2,4-Oxadiazole, 5-cyclopropyl-3-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]- (CA INDEX NAME)



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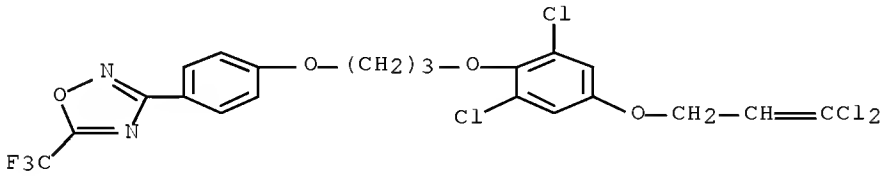
CN 1,2,4-Oxadiazole, 3-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-5-(trifluoromethyl)- (CA INDEX NAME)



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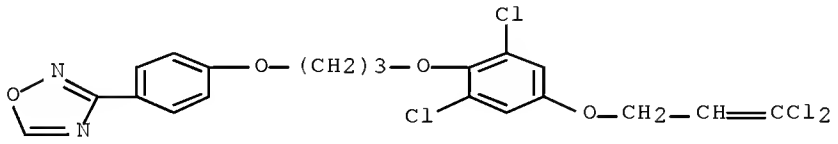
CN 1,2,4-Oxadiazole, 3-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]- (CA INDEX NAME)



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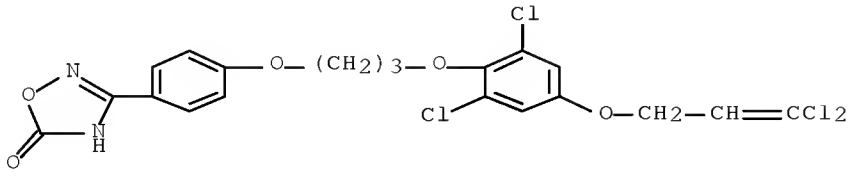
CN 1,2,4-Oxadiazol-5(2H)-one, 3-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]- (CA INDEX NAME)



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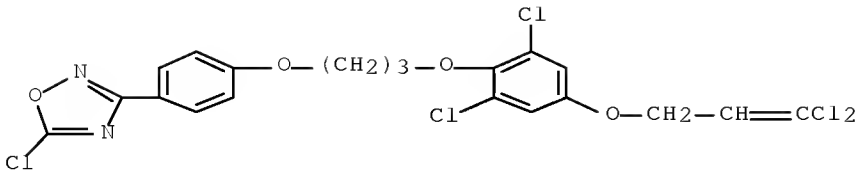
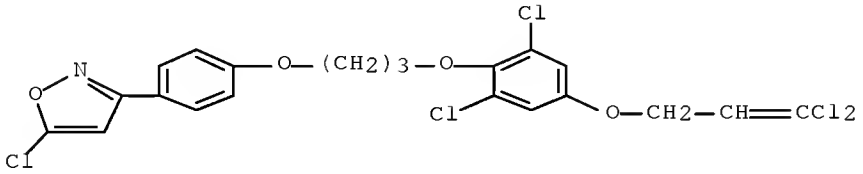
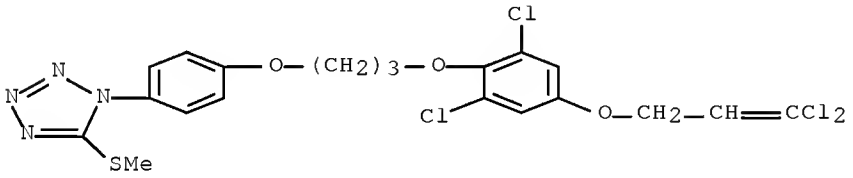
CN 1,2,4-Oxadiazole, 5-chloro-3-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]- (CA INDEX NAME)



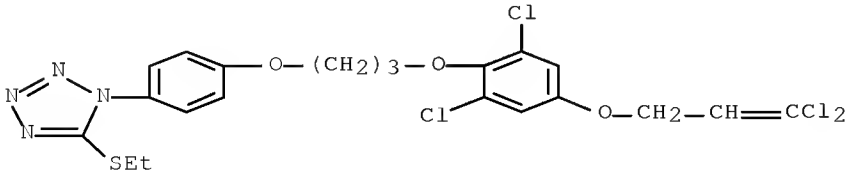
RN 669055-77-0 CAPLUS
CN Isoxazole, 5-chloro-3-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]- (CA INDEX NAME)



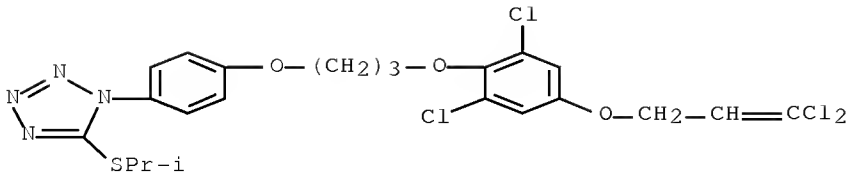
RN 669055-78-1 CAPLUS
CN 1H-Tetrazole, 1-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-5-(methylthio)- (CA INDEX NAME)



RN 669055-79-2 CAPLUS
CN 1H-Tetrazole, 1-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-5-(ethylthio)- (CA INDEX NAME)



RN 669055-80-5 CAPLUS
CN 1H-Tetrazole, 1-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-5-[(1-methylethyl)thio]- (CA INDEX NAME)



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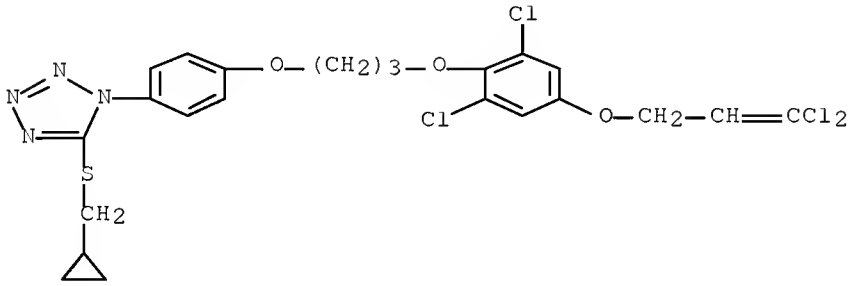
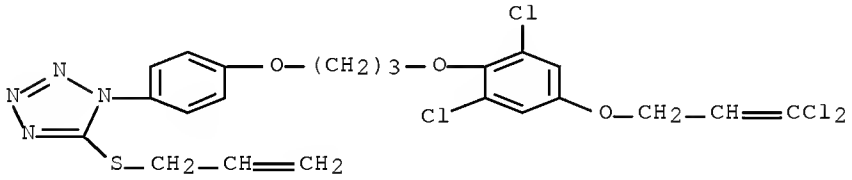
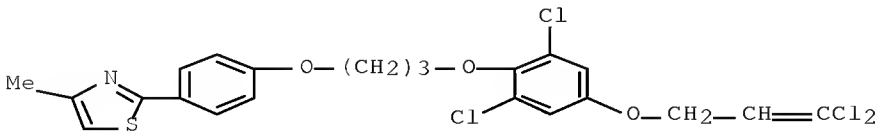
CN 1H-Tetrazole, 5-[(cyclopropylmethyl)thio]-1-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]- (CA INDEX NAME)



RN 669055-82-7 CAPLUS
CN 1H-Tetrazole, 1-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-5-(2-propen-1-ylthio)- (CA INDEX NAME)



RN 669055-83-8 CAPLUS
CN Thiazole, 2-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-4-methyl- (CA INDEX NAME)



L16 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:20645 CAPLUS Full-text
DOCUMENT NUMBER: 140:93783
TITLE: Preparation of of 1-{4-(3,3-dihaloallyloxy)phenoxy}-3-

phenoxypropanes as pesticides

INVENTOR(S): Zambach, Werner; Renold, Peter; Steiger, Arthur; Trah, Stephan; Hall, Roger Graham

PATENT ASSIGNEE(S): Syngenta Participations Ag, Switz.

SOURCE: PCT Int. Appl., 69 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

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US 7192965	B2	20070320		
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US 20070142445	A1	20070621	US 2007-675149	20070215
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PRIORITY APPLN. INFO.:	CH 2002-1123	A	20020628
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OTHER SOURCE(S): MARPAT 140:93783

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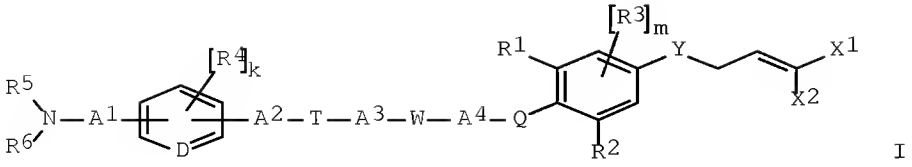

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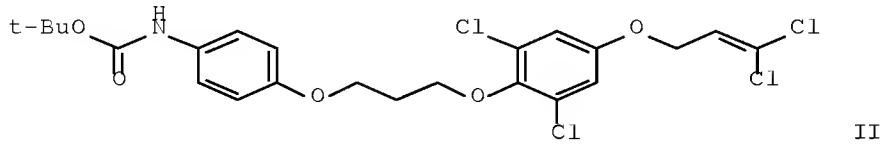


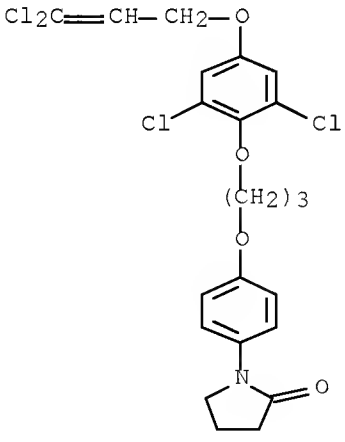
II

AB The title compds. [I; A1-A3 = a bond, alkylene; A4 = alkylene; D = CH, N; W = O, NR7, S, etc.; T = a bond, O, NH, NR7, etc.; Q = O, NR7, S, SO or SO2; Y = O, NR7, S, SO, or SO2; X1, X2 = F, Cl, Br; R1-R3 = H, halo, CN, NO2, alkyl, etc.; R4 = H, halo, CN, NO2, alkyl, etc.; R5, R6 = H, CN, OH, alkyl, etc.; R7 = H, alkyl, alkoxyalkyl, alkylcarbonyl, etc.; k = 1-3 when D = N, or k = 1-4 when D = CH; and m = 1-2], useful for controlling pests, were prepared Thus, reacting 3-[2,6-dichloro-4-(3,3- dichloroallyloxy)phenoxy]propan-1-ol with tert-Bu (4- hydroxyphenyl)carbamate in the presence of azadicarboxylic acid diisopropyl ester and PPh3 in THF afforded II which showed to be more than 80% effective against Heliothis virescens caterpillars at 400 ppm.

IT 642461-40-3P 642461-41-4P 642461-42-5P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of of 1-{4-(3,3-dihaloallyloxy)phenoxy}-3-phenoxypropanes as pesticides)

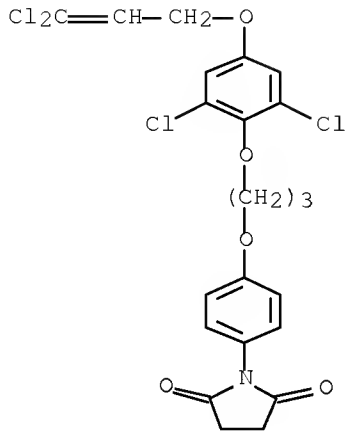
RN 642461-40-3 CAPLUS

CN 2-Pyrrolidinone, 1-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]- (CA INDEX NAME)

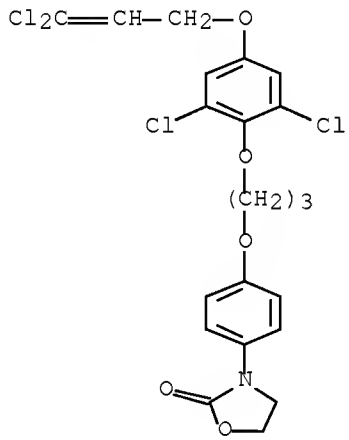


RN 642461-41-4 CAPLUS

CN 2,5-Pyrrolidinedione, 1-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]- (CA INDEX NAME)



RN 642461-42-5 CAPLUS
CN 2-Oxazolidinone, 3-[4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]- (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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DICTIONARY FILE UPDATES:  28 AUG 2008  HIGHEST RN 1044598-04-0

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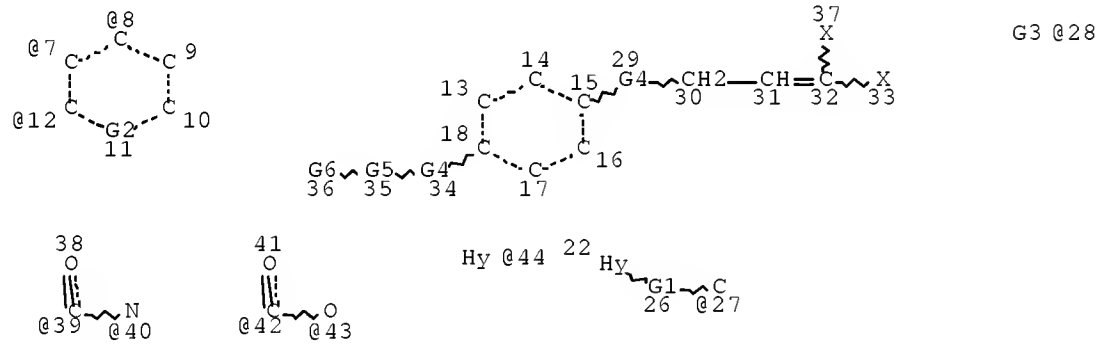


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FILE COVERS 1907 - 29 Aug 2008  VOL 149 ISS 10
FILE LAST UPDATED: 28 Aug 2008  (20080828/ED)

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reclassification data for the second quarter of 2008.

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L20          3 L19

=> s l20 not l16
L21          0 L20 NOT L16    ALL REFERENCES CONTAINING RNs FOR TETRAZOLE-
CONTAINING HITS WERE PRINTED IN THE INVENTOR SEARCH ANSWER SET; TITLES FOR THESE
ARE GIVEN BELOW

=> d scan ti l20

L20   3 ANSWERS   CAPLUS  COPYRIGHT 2008 ACS on STN
TI   Preparation of (3,3-dihaloallyloxy)phenol derivatives as pesticides

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):3
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L20   3 ANSWERS   CAPLUS  COPYRIGHT 2008 ACS on STN
TI   Preparation of various heterocyclic allyl derivatives as pesticides

L20   3 ANSWERS   CAPLUS  COPYRIGHT 2008 ACS on STN
TI   Preparation of dihaloallyloxyphenoxypropoxyphenylazoles as pesticides.

ALL ANSWERS HAVE BEEN SCANNED


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L22  ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER:         2004:964833  CAPLUS  Full-text
DOCUMENT NUMBER:          141:410815
TITLE:                    Preparation of (dihalopropenyl) phenylalkyl
                          substituted dihydrobenzofuran and dihydrobenzopyran
                          derivatives as insecticides
INVENTOR(S):              Theodoridis, George; Barron, Edward J.; Suarez,
                          Dominic P.; Zhang, Y. Larry; Ding, Ping; Roush, David
                          M.; Donovan, Stephen F.; Zawacki, Frank J.; Yeager,
                          Walter H.; Lyga, John W.; Cohen, Daniel H.
PATENT ASSIGNEE(S):       Fmc Corporation, USA
SOURCE:                   U.S. Pat. Appl. Publ., 28 pp.
                          CODEN: USXXCO
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

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     US 20040224994       A1    20041111    US 2004-832624          20040427
     US 6987194           B2    20060117
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EP 1622889 A2 20060208 EP 2004-750775 20040428

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OTHER SOURCE(S): MARPAT 141:410815

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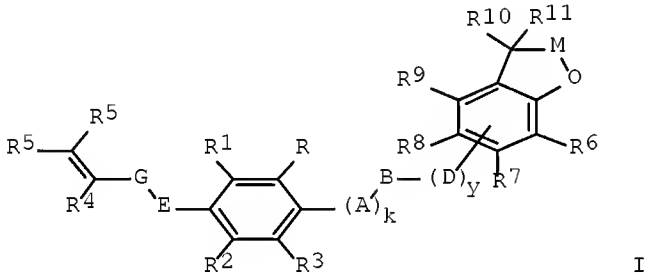


I

AB The title compds. (I) [R, R3 = H, halogen, HO, alkyl, cycloalkyl, alkenyl, alkynyl, haloalkyl, alkoxy, haloalkoxy, alkylthio, haloalkylthio, alkylsulfonyl, haloalkylsulfonyl, cyano, nitro, each (un)substituted NH2, etc.; R1, R2 = H, halogen, alkyl; R4 = H; R5 = halogen; E = CH2, O, S, (un)substituted NH; G = O, S, CH2O*, (CH2)n (where the asterisk denotes attachment to E; n = 1, 2; provided that E and G are not simultaneously O or S); x = 0, 1; when x = 1, A = O, S(O)p and (un)substituted NH (where p = 0, 1, 2); B = (un)substituted *-(CH2)q-(CH2)r-(CH2)s-Lt-(CH2)u-(CH2)v- (CH2)w- (where the asterisk denotes attachment at A; q, r, s, u, v, w = 0, 1, 2; t = 0, 1; when t = 1, L = CH:CH; O, S(O)p; OS(O)2, S(O)2O, (un)substituted NH, NHSO2, or NHCONH; Si(CH3)2, CO, OC(O), NHCO; ON:CH, etc.); y = 0, 1; when y = 1, D = O, S(O)p, (un)substituted NH (wherein p = 0-2); R6-R9 = H, halogen, alkyl, cycloalkyl, alkenyl, alkynyl, haloalkyl, alkoxy, haloalkoxy, alkylthio, haloalkylthio, alkylsulfonyl, haloalkylsulfonyl, cyano, nitro, aryl, etc; R10, R11 = independently selected from hydrogen, halogen, hydroxy, alkyl, alkoxy, or R10 and R11 taken together are O forming CO, OCH2CH2O or SCH2CH2S forming a ketal or a thioketal group, or (un)substituted NOH forming an oxime; M = each (un)substituted *CH2 or *CH2CH2 (where the asterisk indicates attachment to O)], and agriculturally acceptable salts thereof are prepared These compds.

provide unexpected insecticidal activity across a spectrum of insect pests combined with desirable phys. properties including improved photostability. In addition, compns. comprising an insecticidally effective amount of at least one compound of formula I and methods of controlling insects by applying said compns. to a locus where insects are present or are expected to be present are also disclosed. Thus, a stirred solution of 0.44 g (0.0011 mol) 4-[4-[(2,2-dimethyl-2,3-dihydrobenzo[2,3-b]furan-7- yl)oxy]butoxy]-3,5-dichlorophenol, 0.3 g (0.0015 mol) 1,1,1,3- tetrachloropropane, and 0.3 g (0.0022 mol) K2CO3 in 25 mL DMF was heated at 80° for .apprx.18 h to give, after workup and silica gel chromatog., 0.39 g 5-(3,3-dichloroprop-2-enyloxy)-2-[4-[(2,2-dimethyl-2,3- dihydrobenzo[2,3-b]furan-7-yl)oxy]butoxy]-1,3-dichlorobenzene (II). A wheat germ-based artificial diet containing 0.25 mmol II exhibited 100% mortality and 100% growth inhibition in tobacco budworm [Heliothis virescens (Fabricius)].

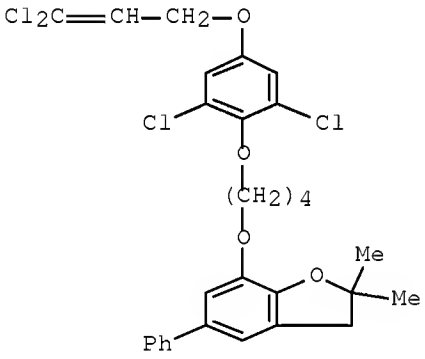
IT 791063-71-3P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of (dihalopropenyl) phenylalkyl-substituted dihydrobenzofuran and dihydrobenzopyran derivs. as insecticides)

RN 791063-71-3 CAPLUS

CN Benzofuran, 7-[4-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]butoxy]-2,3-dihydro-2,2-dimethyl-5-phenyl- (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1997:513623 CAPLUS Full-text

DOCUMENT NUMBER: 127:190529

ORIGINAL REFERENCE NO.: 127:36949a

TITLE: Dihalopropene compounds, their use as insecticides/acaricides, and intermediates for their production

INVENTOR(S): Ikegami, Hiroshi; Hirose, Taro; Suzuki, Masaya; Izumi, Keiichi; Sakamoto, Noriyasu; Takano, Hirotaka; Takada, Yoji

PATENT ASSIGNEE(S): Sumitomo Chemical Company, Ltd., Japan

SOURCE: PCT Int. Appl., 139 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 9727173	A2	19970731	WO 1997-JP76		19970117
WO 9727173	A3	19980402			
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RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG					
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JP 09263572	A	19971007	JP 1997-8040		19970120
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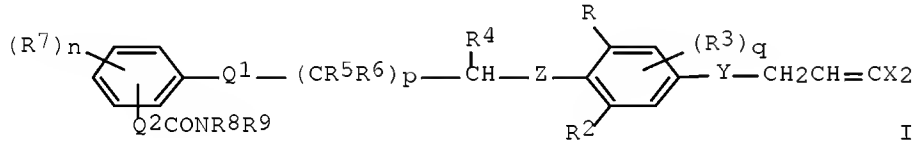

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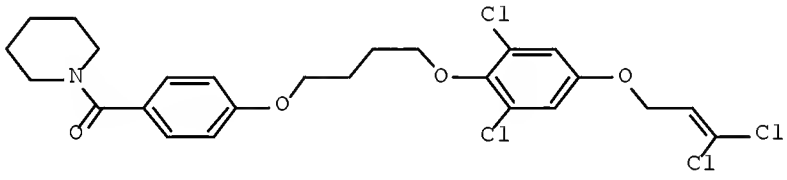

II

AB Dihalopropene compds. I [wherein R, R2, R3 = halo, haloalkyl, alkyl; R4 = H, alkyl; R5, R6 = H, alkyl, CF3; R7 = halo, alkyl, CF3; R8, R9 = H, alk(en/yn)yl, haloalk(en/yn)yl, etc.; Q1 = bond or various C and/or heteroat. linkage groups; Q2 = bond, O, NR14; R14 = H, alkyl; X = Cl, Br; Y = O, NH, S; Z = O, S, NR15; R15 = H, alkyl; n = 0-4; p = 0-6; and q = 0-2], which have excellent insecticidal/acaricidal activity, are disclosed. For instance, etherification of 3,5-dichloro-4-(4-bromobutoxy)- 1-(3,3-dichloro-2-propenyloxy)benzene (preparation given) with 4-(1-piperidinylcarbonyl)phenol using K2CO3 in DMF at room temperature gave title compound II. At 500 ppm in the diet of larval Spodoptera litura or Plutella xylostella, II gave 80% mortality in 4-6 days. I also gave ≥ 60% mortality of Tetranychus urticae upon spray application at 500 ppm.

IT 194224-91-4P 194224-92-5P 194224-93-6P
194224-94-7P 194224-95-8P 194224-96-9P
194224-97-0P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of dihalopropene compds. as insecticides and acaricides)

RN 194224-91-4 CAPLUS

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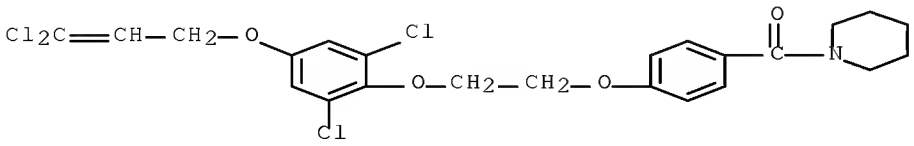

RN 194224-92-5 CAPLUS
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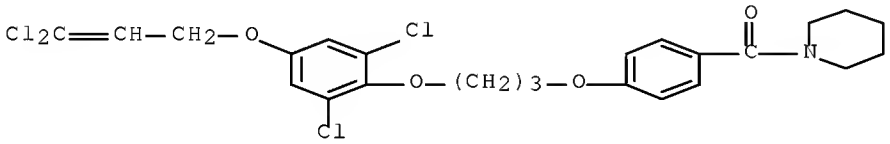

RN 194224-93-6 CAPLUS
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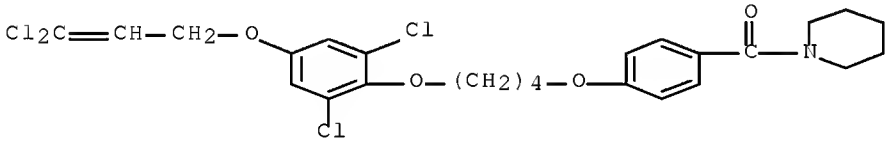

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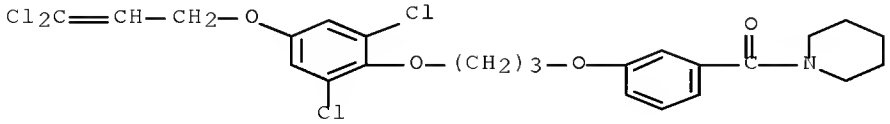

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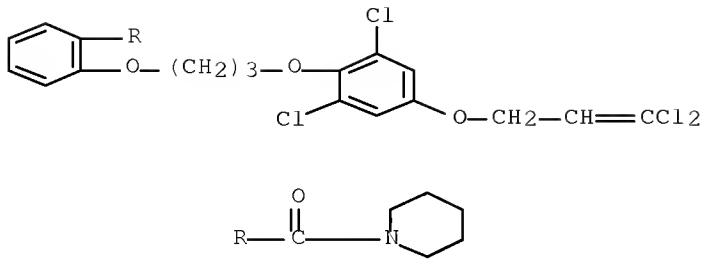

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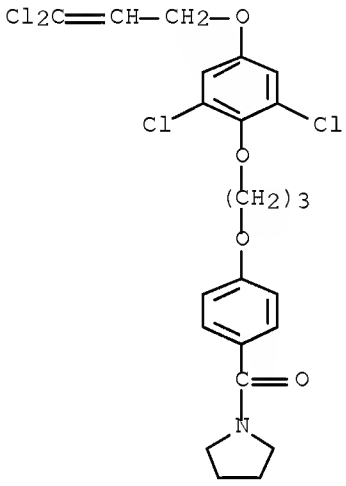
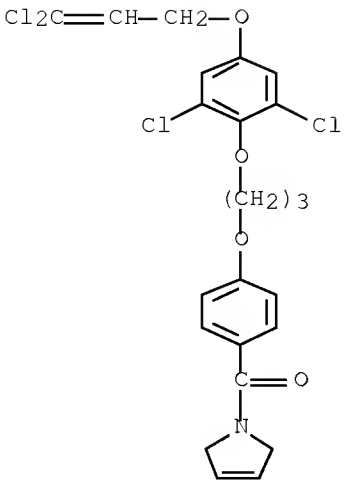
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl]-1-pyrrolidinyl- (CA INDEX NAME)



RN 194224-97-0 CAPLUS
CN Methanone, [4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]phenyl](2,5-dihydro-1H-pyrrol-1-yl)- (CA INDEX NAME)



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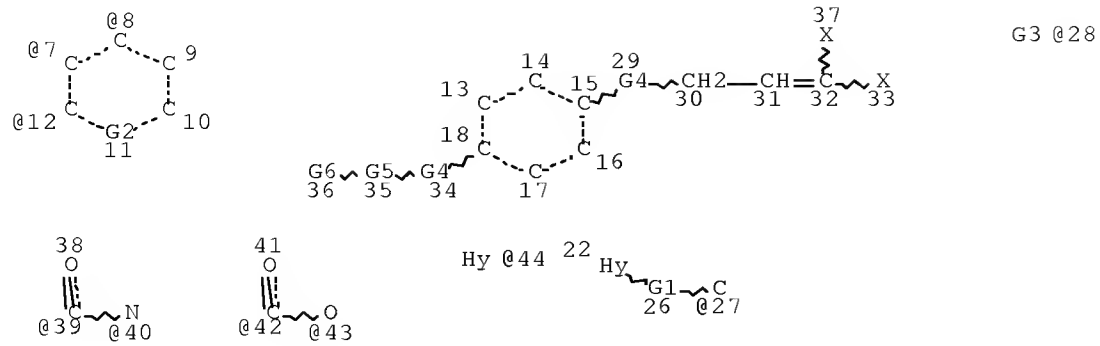

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